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Ohio Labor Market Information Labor Market Review

November 1987

Summary. In November, Ohio's seasonally adjusted unemployment rate was 5.9 percent, up slightly from October. The U.S. rate, also 5.9 percent, was fractionally lower. Total employment in Ohio rose 66,000, to a new all-time high of 4,942,000. The number of unemployed workers, at 309,000, was 9,000 above the October level. Seasonally adjusted nonagricultural wage and salary employment in Ohio totaled 4,628,000 in November, up 18,000 from October. (See page 3.)

Factory Employment. Manufacturing employment in Ohio advanced 4,000 from October, to 1,095,000 in November. Durable-goods employment, at 736,000, was up 3,000, while employment in nondurable-goods industries rose 1,000, to 359,000. November marked the third month of improvement in manufacturing employment since July.

Nonmanufacturing. Increases in several sectors helped raise nonmanufacturing employment to 3,532,000, up 14,000 from October. Services gained 5,000 jobs, while government employment was up 4,000. Small-to-moderate advances occurred in construction, retail trade, and finance, insurance, and real estate.

Over the Year. Ohio's civilian labor force declined 13,000 from November 1986. Total employment rose 67,000, but the number of unemployed fell 80,000. The unemployment rate dropped from 7.4 percent to 5.9 percent over the year. The national rate also was down during the period, falling from 6.9 percent to 5.9 percent. Nonagricultural wage and salary employment advanced 110,000 from November 1986. The largest gains were in services (+52,000) and retail trade (+24,000). Construction, government, and finance, insurance, and real estate also had notable increases. Manufacturing employment was down 7,000 over the year, as a decline of 11,000 in durable-goods employment was partially offset by an improvement in nondurable goods.

Factory Hours and Earnings. The average weekly earnings of manufacturing production workers in Ohio rose $6.99 from October, to $511.49 in November. Their average workweek of 43.2 hours was .3 hours longer. Nearly all manufacturing industries had increased earnings. The most significant were nonelectrical machinery, fabricated metal products, electric and electronic equipment, chemicals, transportation equipment, and food and kindred products.

Benefits and Costs. In November, there were 61,159 initial claims filed under the Ohio Unemployment Compensation Law, up 29.0 percent from October, but down 9.6 percent from November 1986. The total paid in benefits, at $35.7 million, was down 12.3 percent from October. The average weekly benefit check dropped $.46, to $150.54. There was an increase of 2.7 percent in the average weekly number of benefit recipients. At the end of November, there were 198,160 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services aided 36,556 new job applicants in November, down 19.3 percent from October, and down 3.2 percent from November 1986. There were 9,563 job openings from employers, down 37.7 percent from October.The Employment Services Division made 23,091 referrals and 6,278 placements.

Ohio has become a Wage Record State

Ohio's system of payroll reporting is changing significantly as a result of congressional action taken in 1984. The Social Security Act was amended to require states to establish a system to crossmatch income eligibility data and to collect individual employee wage data from their employers. In Ohio, the Unemployment Compensatation Law was changed to meet the congressional mandate and, simultaneously, to convert from a wage request system to a wage reporting system for unemployment compensation purposes. Under this system, OBES will collect wage data for all employees on a quarterly basis instead of requesting wage information when an application for benefits is filed.

Some of the benefits of the Wage Record System are:
* streamlining of the claims processing procedure;
* revealing of unreported employment; and
* reduction in the number of UC appeals.

For more information about the Wage Record System, contact OBES on the Wage Record Hotline (1-800-654-8098).

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Nov. 1987	Oct. 1987	Nov. 1986	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,251	5,176	5,264	75	-13	1.4	-0.2
Employment	4,942	4,876	4,875	66	67	1.4	1.4
Unemployment	309	300	389	9	-80	3.0	-20.6
Unemployment Rate	5.9	5.8	7.4				
Employer Survey Data[e]							
Total	4,628	4,610	4,518	18	110	0.4	2.4
Manufacturing	1,095	1,091	1,103	4	-7	0.4	-0.7
Durable Goods	736	733	747	3	-11	0.4	-1.5
Nondurable Goods	359	358	356	1	3	0.4	1.0
Nonmanufacturing	3,532	3,519	3,415	14	117	0.4	3.4
Mining	20	20	22	0	-2	0.5	-8.3
Construction	179	177	164	2	15	1.2	9.4
Transportation and Public Utilities	211	211	210	0	1	0.2	0.7
Wholesale Trade	252	253	248	0	4	-0.1	1.7
Retail Trade	858	857	833	1	24	0.1	2.9
Finance, Insurance, and Real Estate	246	245	236	1	10	0.3	4.2
Services	1,072	1,067	1,020	5	52	0.5	5.1
Government	694	690	682	4	12	0.6	1.7
Goods Producing Industries[f]	1,294	1,288	1,288	6	6	0.5	0.5
Service Producing Industries[g]	3,333	3,322	3,230	11	104	0.3	3.2

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
					1985
5,192	4,727	465	9.0	7.0	November
5,185	4,754	431	8.3	7.0	December
					1986
5,218	4,759	459	8.8	6.8	January
5,325	4,869	456	8.6	7.2	February
5,297	4,896	401	7.6	7.2	March
5,248	4,823	425	8.1	7.1	April
5,214	4,784	430	8.2	7.2	May
5,204	4,752	452	8.7	7.1	June
5,204	4,777	427	8.2	7.0	July
5,185	4,763	422	8.1	6.8	August
5,163	4,734	429	8.3	7.0	September
5,214	4,810	404	7.7	6.9	October
5,264	4,875	389	7.4	6.9	November
5,276	4,861	415	7.9	6.7	December
					1987
5,287	4,850	437	8.3	6.7	January
5,303	4,848	455	8.6	6.7	February
5,215	4,824	391	7.5	6.6	March
5,223	4,846	377	7.2	6.3	April
5,294	4,878	416	7.9	6.3	May
5,237	4,859	378	7.2	6.1	June
5,240	4,868	372	7.1	6.0	July
5,205	4,841	364	7.0	6.0	August
5,148	4,865	283	5.5	5.9	September
5,176	4,876	300	5.8	6.0	October
5,251	4,942	309	5.9	5.9	November

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
				1985
4,410	1,120	763	357	November
4,422	1,123	766	357	December
				1986
4,438	1,124	767	357	January
4,440	1,122	764	357	February
4,440	1,117	760	356	March
4,459	1,117	761	356	April
4,464	1,112	756	356	May
4,466	1,111	755	356	June
4,472	1,103	749	354	July
4,484	1,103	748	355	August
4,488	1,100	744	355	September
4,497	1,094	739	355	October
4,518	1,103	747	356	November
4,532	1,106	750	356	December
				1987
4,556	1,106	748	358	January
4,564	1,108	750	358	February
4,563	1,099	741	357	March
4,570	1,098	741	357	April
4,572	1,091	735	356	May
4,567	1,084	731	354	June
4,569	1,076	722	354	July
4,587	1,088	731	357	August
4,598	1,093	736	357	September
4,610	1,091	733	358	October
4,628	1,095	736	359	November

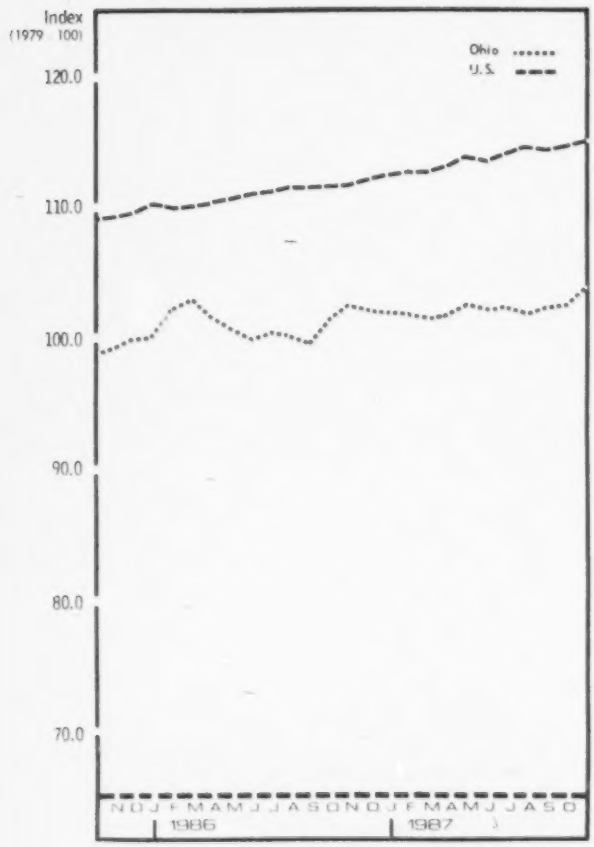
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

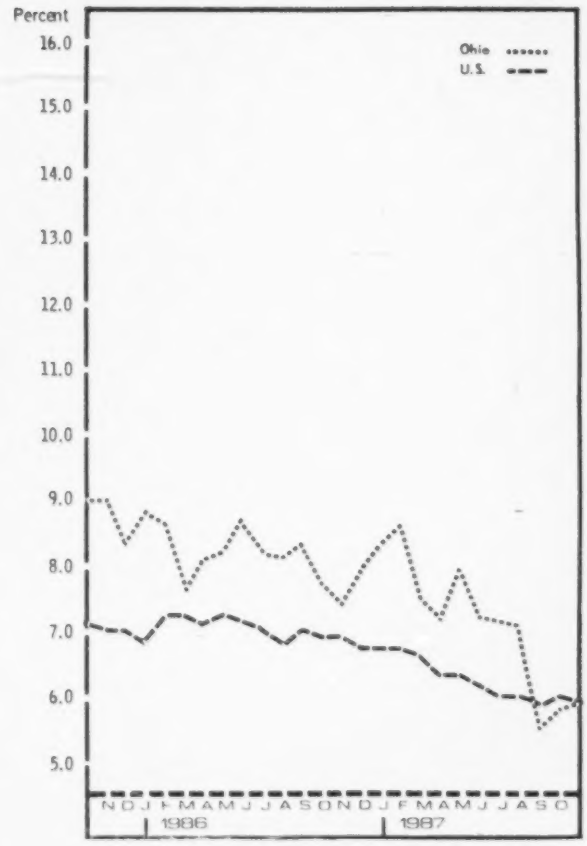
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
					1985				
3,290	25	155	203	244	November	801	224	965	672
3,300	25	158	203	244	December	802	225	969	673
					1986				
3,314	25	158	203	245	January	806	226	974	677
3,319	25	158	202	245	February	809	227	977	676
3,323	24	156	203	244	March	811	227	981	676
3,342	23	161	203	245	April	813	229	989	679
3,352	23	161	203	245	May	816	231	994	679
3,355	22	160	202	245	June	818	231	996	680
3,369	22	160	206	245	July	820	233	1002	680
3,381	22	161	207	246	August	824	234	1005	682
3,388	22	162	208	247	September	826	234	1008	682
3,402	22	162	209	247	October	831	236	1013	682
3,415	22	164	210	248	November	833	236	1020	682
3,426	22	165	210	249	December	836	237	1026	682
					1987				
3,450	22	171	210	249	January	840	239	1032	687
3,456	21	171	211	249	February	842	240	1036	686
3,465	21	170	210	249	March	845	240	1040	688
3,472	21	171	211	249	April	846	242	1045	688
3,481	21	173	211	250	May	847	242	1050	689
3,483	20	174	210	249	June	847	242	1052	689
3,493	20	174	210	250	July	850	243	1060	686
3,500	20	175	210	250	August	853	244	1062	686
3,505	20	175	210	251	September	856	244	1063	685
3,519	20	177	211	253	October	857	245	1067	690
3,532	20	179	211	252	November	858	246	1072	694

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

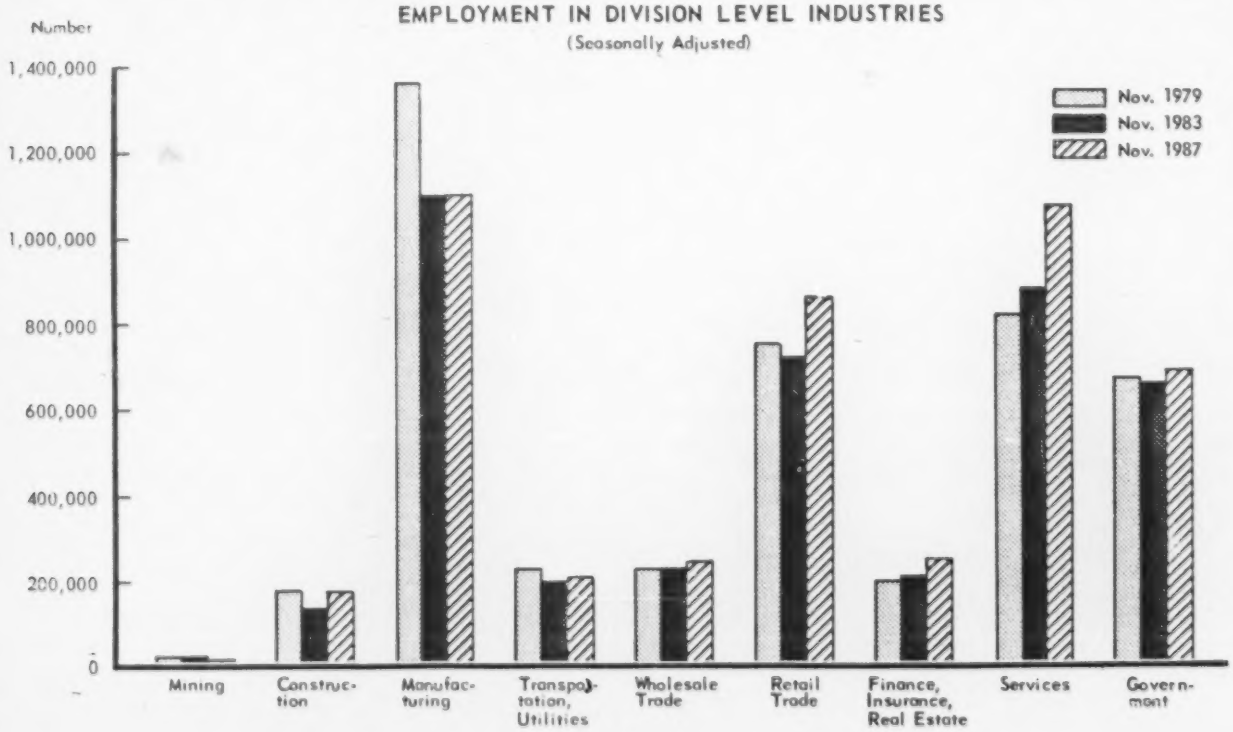
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,139	4,684	456	8.9	7.2	1985
5,234	4,809	426	8.1	7.0	1986
					1986
5,282	4,894	388	7.3	6.6	November
5,259	4,841	418	7.9	6.3	December
					1987
5,196	4,744	452	8.7	7.3	January
5,205	4,732	473	9.1	7.2	February
5,154	4,749	405	7.9	6.9	March
5,205	4,837	367	7.1	6.2	April
5,264	4,892	372	7.1	6.1	May
5,293	4,909	384	7.3	6.3	June
5,325	4,967	358	6.7	6.1	July
5,272	4,908	364	6.9	5.8	August
5,171	4,885	287	5.5	5.7	September
5,221	4,920	301	5.8	5.7	October
5,263	4,959	303	5.8	5.6	November

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural			
	Manufacturing		
		Durable	Nondurable
4,094.6	1,295.3	910.6	384.6
4,230.1	1,344.1	945.2	398.9
4,394.9	1,377.2	974.5	402.7
4,484.8	1,382.3	980.5	401.8
4,367.4	1,264.3	882.6	381.8
4,317.7	1,232.6	860.4	372.2
4,124.3	1,099.9	752.4	347.5
4,092.5	1,066.0	723.6	342.4
4,260.2	1,127.0	773.4	353.6
4,372.9	1,124.3	768.7	355.5
4,475.2	1,109.3	753.2	356.1
			1986
4,563.9	1,105.8	749.1	356.7
4,569.4	1,106.3	749.6	356.7
			1987
4,466.2	1,095.7	741.2	354.6
4,467.2	1,096.0	742.4	353.6
4,492.3	1,092.1	738.4	353.6
4,556.9	1,094.4	740.1	354.3
4,600.3	1,091.0	736.4	354.5
4,614.8	1,091.8	736.4	355.4
4,576.6	1,078.8	723.4	355.3
4,595.4	1,092.0	731.6	360.4
4,644.3	1,102.8	740.1	362.8
4,660.9	1,094.3	734.5	359.9
4,675.4	1,098.3	738.1	360.2

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,248.6	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.2
3,366.0	22.7	160.8	205.5	246.0	1986	820.5	231.8	998.8	679.8
					1986				
3,458.0	22.1	174.2	211.2	248.9	November	850.9	236.0	1,018.7	696.1
3,463.1	21.8	163.1	211.5	249.1	December	865.1	237.1	1,017.4	698.0
					1987				
3,370.4	21.2	144.7	205.1	246.7	January	821.3	236.6	1,006.1	688.8
3,371.2	20.7	139.6	205.8	246.1	February	810.4	237.4	1,014.1	697.2
3,400.3	20.5	145.6	206.6	246.9	March	817.0	238.3	1,023.5	701.9
3,462.5	20.3	160.7	209.4	248.5	April	835.5	240.4	1,047.5	700.1
3,509.3	20.4	173.8	210.8	249.8	May	848.4	242.0	1,059.5	704.6
3,523.0	20.4	182.5	211.9	251.4	June	854.6	244.3	1,069.9	688.0
3,497.9	20.6	190.8	212.1	251.6	July	855.9	246.3	1,072.8	647.8
3,503.4	20.6	194.8	212.5	252.0	August	861.2	246.8	1,073.2	642.2
3,541.4	20.9	194.4	212.8	252.2	September	864.2	245.7	1,078.2	673.2
3,566.5	20.2	196.5	213.4	253.3	October	865.2	245.3	1,073.4	699.2
3,577.1	20.3	190.4	212.9	253.0	November	875.8	245.8	1,071.0	707.8

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment

(in thousands)

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.3
1,099.9	752.4	347.5	1982	735.7	297.1	29.8
1,066.0	723.6	342.4	1983	721.6	315.4	29.8
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.3	753.2	356.1	1986	758.0	368.9	31.9
			1986			
1,105.8	749.1	356.7	November	755.2	375.4	32.3
1,106.3	749.6	356.7	December	755.4	383.8	32.8
			1987			
1,095.7	741.2	354.5	January	746.3	375.1	31.9
1,096.0	742.4	353.6	February	747.3	373.0	31.7
1,092.1	738.4	353.6	March	744.9	371.4	31.7
1,094.4	740.1	354.3	April	748.5	369.0	31.5
1,091.0	736.4	354.5	May	745.2	370.9	31.7
1,091.8	736.4	355.4	June	745.5	371.6	31.8
1,078.8	723.4	355.3	July	731.6	355.0	30.7
1,092.0	731.6	360.4	August	745.4	367.0	31.5
1,102.8	740.1	362.8	September	756.7	378.4	32.2
1,094.3	734.5	359.9	October	749.4	378.1	32.1
1,098.3	738.1	360.2	November	754.0	385.7	32.6

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings		
	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods
$252.54	$258.73	$235.00	1976	41.2	41.4	41.3	1976	$6.10	$6.25	$5.69
283.08	292.02	258.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	376.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.34
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57
			1986				1986			
497.14	517.80	449.40	November	42.6	42.9	42.0	November	11.67	12.07	10.70
508.15	531.14	454.92	December	43.1	43.5	42.2	December	11.79	12.21	10.78
			1987				1987			
502.58	524.96	449.53	January	42.7	43.1	41.7	January	11.77	12.18	10.78
499.05	520.88	446.71	February	42.4	42.8	41.4	February	11.77	12.17	10.79
498.53	519.95	448.86	March	42.5	42.9	41.6	March	11.73	12.12	10.79
492.99	514.25	443.72	April	42.1	42.5	41.2	April	11.71	12.10	10.77
497.68	517.45	450.78	May	42.5	42.8	41.7	May	11.71	12.09	10.81
498.42	517.37	453.95	June	42.6	42.9	41.8	June	11.70	12.06	10.86
485.20	501.76	450.02	July	41.9	42.2	41.4	July	11.58	11.89	10.87
492.37	510.00	453.36	August	42.3	42.5	41.9	August	11.64	12.00	10.82
500.12	516.67	461.92	September	42.6	42.7	42.3	September	11.74	12.10	10.92
504.50	524.02	461.07	October	42.9	43.2	42.3	October	11.76	12.13	10.90
511.49	530.35	466.90	November	43.2	43.4	42.6	November	11.84	12.22	10.96

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

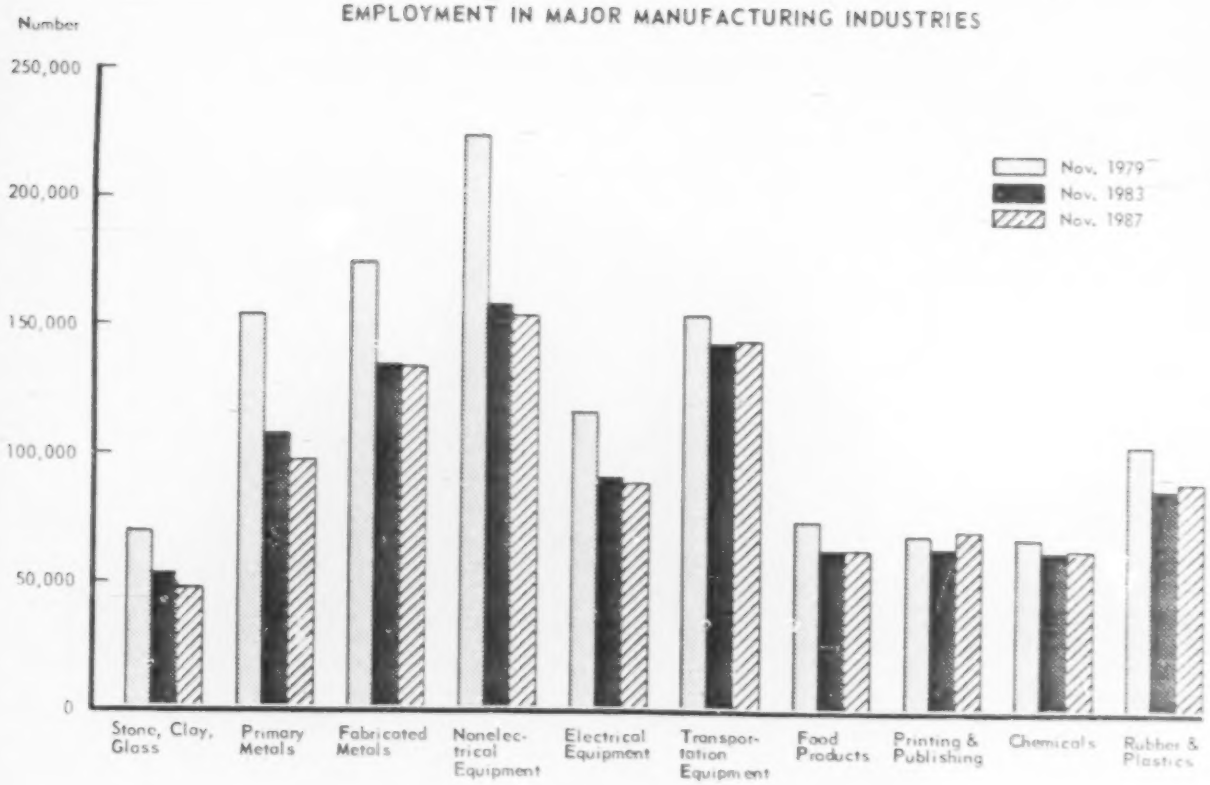
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.4	95.4	136.8	1986	158.7	89.8	153.5	1986	62.6	68.6	91.5
			1986				1986			
49.2	93.6	136.3	November	156.0	90.2	153.8	November	62.4	69.4	90.9
49.0	94.1	136.0	December	156.1	90.2	154.4	December	62.7	69.1	91.3
			1987				1987			
47.8	93.8	134.3	January	155.0	90.6	151.7	January	62.0	68.8	91.3
47.9	95.5	133.5	February	154.1	89.8	153.6	February	61.5	69.1	90.8
47.7	96.7	133.3	March	153.8	89.0	148.9	March	61.5	69.1	90.4
48.0	96.7	132.5	April	153.5	88.0	151.6	April	62.2	69.3	89.8
48.2	95.5	131.8	May	153.2	87.3	150.3	May	62.7	69.3	88.9
48.4	95.9	133.2	June	153.6	87.5	147.1	June	62.7	69.3	88.8
47.8	94.4	130.4	July	151.7	87.6	140.7	July	63.2	69.8	88.0
48.3	96.2	131.6	August	152.2	87.0	144.2	August	66.9	70.1	88.8
48.3	98.2	133.3	September	153.5	88.1	146.1	September	67.5	70.0	89.8
48.0	98.5	132.9	October	152.3	87.1	143.0	October	63.7	70.4	90.5
48.1	99.1	133.6	November	153.1	88.0	143.9	November	63.0	70.9	91.0

Average Weekly Earnings of Production Workers

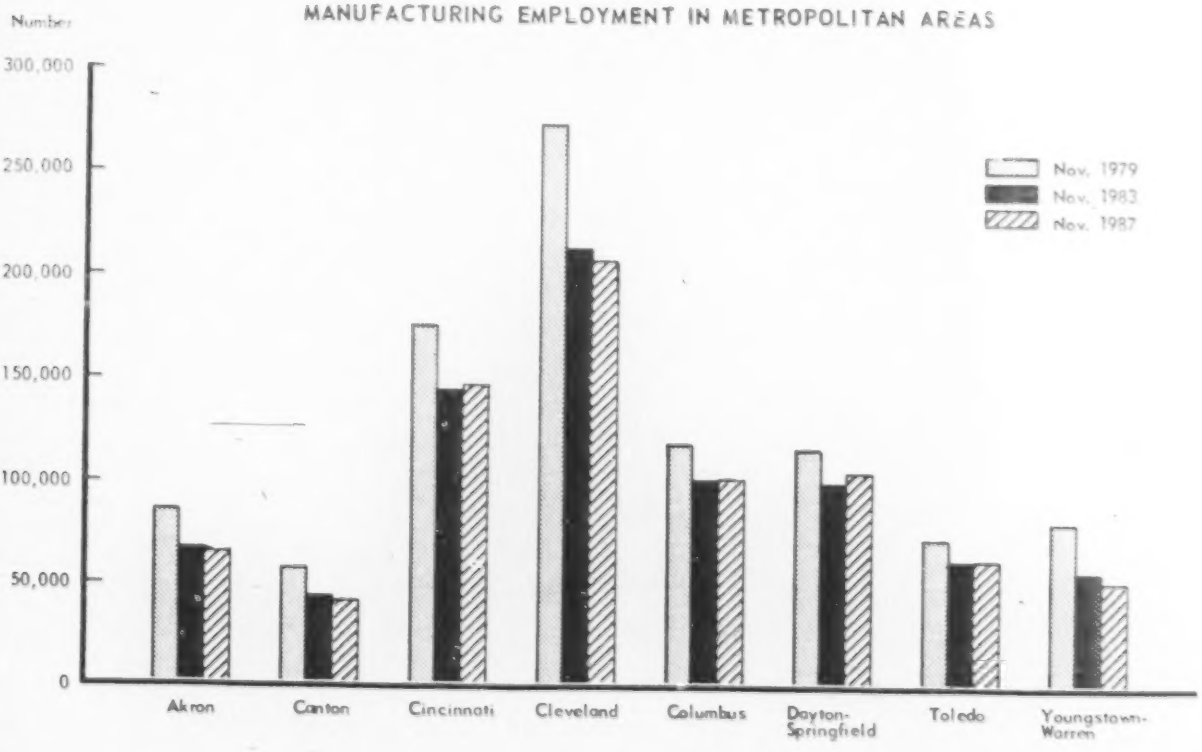
$232.40	$294.58	$256.68	1976	$253.31	$221.54	$302.87	1976	$242.92	$252.20	$237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
			1986				1986			
442.08	583.73	503.01	November	492.33	471.33	646.46	November	423.85	429.37	447.38
441.00	596.23	515.70	December	510.82	489.89	656.48	December	436.77	429.46	444.19
			1987				1987			
441.31	593.61	515.91	January	498.53	473.61	647.91	January	438.46	416.96	443.59
440.67	590.46	510.27	February	499.80	457.47	646.46	February	435.77	420.53	433.82
449.35	587.80	506.75	March	506.32	463.29	640.46	March	436.60	415.56	438.35
447.68	595.35	491.82	April	495.33	461.61	630.08	April	430.56	414.02	431.38
457.52	594.49	495.33	May	497.14	463.14	634.04	May	440.11	418.88	435.27
453.46	599.86	501.50	June	505.36	457.32	628.65	June	445.79	422.28	441.58
446.42	597.64	473.20	July	494.89	449.21	604.07	July	434.92	420.81	436.60
440.96	603.90	484.26	August	489.41	458.43	628.00	August	435.11	432.06	443.65
460.31	630.20	484.88	September	489.41	452.08	634.36	September	453.64	444.24	437.38
451.76	601.12	503.43	October	510.85	466.07	652.50	October	432.22	442.18	453.44
456.04	605.58	513.11	November	520.38	476.15	655.34	November	444.15	447.92	454.75

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	4675.4	4660.9	4563.9	14.5	111.5
MANUFACTURING	1098.3	1094.3	1105.8	4.0	- 7.5
Durable Goods[e]	738.1	734.5	749.1	3.6	- 11.0
Lumber and wood products	20.8	20.9	18.7	- .1	2.1
Furniture and fixtures	14.6	14.8	14.5	- .2	.1
Stone, clay, and glass products	48.1	48.0	49.2	.2	- 1.1
Glass and glassware, pressed or blown.	10.1	10.1	10.9	.0	- .8
Primary metal industries	99.1	98.5	93.6	.6	5.4
Blast furnace and basic steel products	45.7	45.4	41.9	.3	3.8
Iron and steel foundries	20.3	19.8	19.2	.5	1.1
Nonferrous rolling and drawing	17.6	17.9	17.8	- .3	- .1
Fabricated metal products	133.6	133.0	136.3	.6	- 2.7
Cutlery, hand tools, and hardware	10.2	10.1	10.3	.1	- .1
Fabricated structural metal products	28.1	28.4	29.4	- .3	- 1.3
Metal forgings and stampings	41.8	41.4	43.1	.4	- 1.3
Machinery, except electrical	153.1	152.3	156.0	.8	- 2.9
Construction and related machinery	12.0	11.9	12.3	.1	- .4
Metalworking machinery	38.5	38.4	40.5	.2	- 1.9
Special industry machinery	16.7	16.6	16.9	.1	- .2
General industrial machinery	26.4	26.2	27.5	.2	- 1.1
Office and computing machines	13.8	13.7	13.6	.0	.2
Refrigeration and service machinery	16.4	16.7	16.5	- .3	- .1
Electric and electronic equipment	88.0	87.1	90.2	.8	- 2.2
Electrical industrial apparatus	16.9	16.9	16.9	.0	.0
Household appliances	16.5	16.7	17.3	- .2	- .8
Electric lighting and wiring equipment	17.3	17.2	17.8	.1	- .4
Communication equipment	9.9	9.9	10.5	.0	- .6
Transportation equipment	143.9	143.0	153.8	.9	- 9.9
Motor vehicles and equipment	94.2	92.2	98.1	2.0	- 3.9
Aircraft and parts	40.3	41.3	46.4	- .9	- 6.1
Instruments and related products	22.7	22.4	22.8	.3	- .1
Measuring and controlling devices	12.3	12.3	12.1	.1	.2
Nondurable Goods[f]	360.2	359.9	356.7	.3	3.5
Food and kindred products	63.0	63.7	62.4	- .7	.5
Meat products	10.0	9.9	9.5	.1	.4
Dairy products	10.5	10.5	10.1	.0	.4
Preserved fruits and vegetables	10.4	11.1	10.5	- .6	- .1
Bakery products	8.9	9.0	8.7	- .2	.2
Beverages	9.6	9.7	10.2	- .1	- .5
Apparel and other textile products	16.5	16.4	16.9	.1	- .4
Paper and allied products	38.2	37.9	37.5	.3	.7
Misc. converted paper products	12.1	12.1	11.9	.0	.2
Paperboard containers and boxes	13.5	13.4	12.8	.1	.7
Printing and publishing	70.9	70.4	69.4	.5	1.4
Newspapers	19.6	19.4	19.4	.2	.0
Commercial printing	26.9	26.7	26.5	.2	.4
Chemicals and allied products	64.3	64.3	63.0	.0	1.3
Industrial inorganic chemicals	10.3	10.2	10.2	.1	.1
Rubber and misc. plastics products	91.0	90.5	90.9	.5	.1
Tires and inner tubes	16.2	16.3	17.7	- .1	- 1.5
Miscellaneous plastics products	54.8	54.5	53.5	.3	1.6

See footnotes on page 13.

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
NONMANUFACTURING	3577.1	3566.5	3458.0	10.6	119.0
MINING	20.3	20.2	22.1	.1	- 1.8
Bituminous coal and lignite mining	8.8	8.7	9.9	.0	- 1.1
Oil and gas extraction	6.5	6.4	7.4	.1	- .8
CONSTRUCTION	190.4	196.5	174.2	- 6.1	16.2
General building contractors	48.3	49.3	45.0	- 1.0	3.4
Heavy construction contractors	24.1	26.8	22.8	- 2.6	1.4
Highway and street construction	11.8	13.4	10.8	- 1.6	1.0
Special trade contractors	117.9	120.4	106.4	- 2.5	11.4
TRANSPORTATION AND PUBLIC UTILITIES	212.9	213.4	211.2	- .5	1.7
Railroad transportation	14.2	14.6	15.5	- .4	- 1.2
Transportation, except railroads	105.0	105.0	101.6	.0	3.4
Trucking and warehousing	73.0	72.7	71.0	.2	1.9
Communication, electric, gas services	93.7	93.8	94.2	- .1	- .5
Communication	52.9	52.9	52.4	.0	.4
Electric, gas, and sanitary services	40.9	40.9	41.7	- .1	- .9
WHOLESALE TRADE	253.0	253.3	248.9	- .3	4.2
Wholesale trade-durable goods	159.9	160.1	157.4	- .2	2.5
Motor vehicles & automotive equipment	22.4	22.5	22.4	- .1	.0
Electrical goods	21.1	21.0	21.0	.1	.1
Machinery, equipment, and supplies	68.9	68.8	67.8	.1	1.1
Wholesale trade-nondurable goods	93.1	93.2	91.5	- .1	1.7
Groceries and related products	30.1	30.0	29.1	.1	1.0
RETAIL TRADE	875.8	865.2	850.9	10.6	25.0
General merchandise stores	123.0	116.9	124.5	6.1	- 1.5
Department stores	108.8	102.9	111.7	5.9	- 2.8
Food stores	133.9	132.4	131.4	1.5	2.5
Automotive dealers & service stations	96.5	96.8	92.1	- .3	4.3
Apparel and accessory stores	42.9	41.6	40.9	1.4	2.0
Eating and drinking places	302.5	303.6	293.5	- 1.1	9.0
FINANCE, INSURANCE, AND REAL ESTATE	245.8	245.3	236.0	.6	9.8
Banking	63.0	63.0	61.7	.0	1.3
Credit agencies other than banks	38.9	38.8	37.6	.2	1.3
Insurance carriers	66.1	65.8	63.8	.3	2.3
Life insurance	24.0	23.9	23.7	.1	.3
Fire, marine, and casualty insurance	29.7	29.5	28.7	.2	1.0
SERVICES	1071.0	1073.4	1018.7	- 2.5	52.2
Hotels and other lodging places	33.9	34.2	33.2	- .4	.6
Personal services	58.0	57.8	55.0	.1	3.0
Laundry, cleaning, & garment services	19.3	19.2	18.6	.1	.7
Business services	221.1	221.5	200.5	- .3	20.6
Services to buildings	30.5	30.3	28.2	.2	2.3
Computer and data processing services	20.5	20.4	18.6	.1	1.9
Amusement and recreation services	35.8	38.9	34.2	- 3.1	1.6
Health services	365.5	365.3	350.7	.2	14.8
Nursing and personal care facilities	80.9	80.8	77.2	.0	3.7
Hospitals	178.5	178.7	172.9	- .2	5.5
Educational services	62.2	60.7	63.1	1.5	- .8
Colleges and universities	33.6	32.4	35.1	1.1	- 1.5
GOVERNMENT	707.8	699.2	696.1	8.6	11.7
Federal government	94.9	94.4	93.4	.5	1.5
State government	159.4	157.5	155.1	2.0	4.3
State government education[1]	86.1	84.0	84.0	2.1	2.1
State government, except education	73.3	73.5	71.2	- .1	2.2
Local government	453.5	447.3	447.6	6.2	5.9
Local government education	266.8	261.5	263.5	5.3	3.2
Local government, except education	186.8	185.9	184.0	.9	2.7

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$511.49	$504.50	$497.14	43.2	42.9	42.6	$11.84	$11.76	$11.67
Durable Goods[e]	530.35	524.02	517.80	43.4	43.2	42.9	12.22	12.13	12.07
Lumber and wood products	303.64	301.84	297.66	41.2	40.9	41.0	7.37	7.38	7.26
Furniture and fixtures	364.62	362.30	349.81	41.2	41.5	41.3	8.85	8.73	8.47
Stone, clay, and glass products	456.04	451.76	442.08	42.7	42.3	41.2	10.68	10.68	10.73
Glass and glassware, pressed or blown.	457.02	464.13	467.62	39.5	39.5	41.2	11.57	11.75	11.35
Primary metal industries	605.58	601.12	583.73	44.3	44.2	43.4	13.67	13.60	13.45
Blast furnace and basic steel products	623.06	621.09	596.63	44.6	44.3	42.8	13.97	14.02	13.94
Iron and steel foundries	632.06	620.71	630.54	44.7	44.4	45.2	14.14	13.98	13.95
Nonferrous rolling and drawing	628.73	614.45	570.91	42.8	42.7	41.4	14.69	14.39	13.79
Fabricated metal products	513.11	503.43	503.01	43.3	42.7	42.7	11.85	11.79	11.78
Cutlery, hand tools, and hardware	496.51	491.83	487.12	41.0	41.4	40.9	12.11	11.88	11.91
Fabricated structural metal products	471.32	465.91	457.95	43.4	43.1	43.0	10.86	10.81	10.65
Metal forgings and stampings	622.84	612.70	639.12	43.8	43.3	44.6	14.22	14.15	14.33
Machinery, except electrical	520.38	510.85	492.33	44.1	43.7	42.7	11.80	11.69	11.53
Construction and related machinery	430.19	417.79	421.45	42.3	41.0	41.4	10.17	10.19	10.18
Metalworking machinery	504.43	493.88	475.94	44.6	43.9	42.8	11.31	11.25	11.12
Special industry machinery	501.51	503.09	473.19	43.8	43.9	42.9	11.45	11.46	11.03
General industrial machinery	546.31	528.26	515.46	44.2	43.3	42.6	12.36	12.20	12.10
Office and computing machines	425.27	434.39	414.29	43.0	44.1	43.2	9.89	9.85	9.59
Refrigeration and service machinery	559.93	561.89	568.38	42.1	42.6	42.8	13.30	13.19	13.28
Electric and electronic equipment	476.15	466.07	471.33	42.4	41.8	42.5	11.23	11.15	11.09
Electrical industrial apparatus	477.30	477.79	445.71	43.0	43.2	41.5	11.10	11.06	10.74
Household appliances	485.96	475.97	493.19	40.7	40.2	43.3	11.94	11.84	11.39
Electric lighting and wiring equipment	481.23	472.63	486.36	42.7	41.9	42.0	11.27	11.28	11.58
Communication equipment	489.76	512.40	498.72	41.4	42.0	42.3	11.83	12.20	11.79
Transportation equipment	655.34	652.50	646.46	44.4	44.6	44.8	14.76	14.63	14.43
Motor vehicles and equipment	676.14	673.79	660.67	44.6	44.8	44.4	15.16	15.04	14.88
Aircraft and parts	623.73	614.59	624.70	45.1	44.6	45.9	13.83	13.78	13.61
Instruments and related products	371.08	369.46	364.72	40.6	40.6	40.3	9.14	9.10	9.05
Measuring and controlling devices	354.63	349.72	348.04	38.8	38.6	38.5	9.14	9.06	9.04
Nondurable Goods[f]	466.90	461.07	449.40	42.6	42.3	42.0	10.96	10.90	10.70
Food and kindred products	444.15	432.22	423.85	42.3	41.6	41.8	10.50	10.39	10.14
Meat products	397.11	376.07	379.86	42.7	40.7	41.2	9.30	9.24	9.22
Dairy products	464.53	464.81	459.88	42.5	42.8	43.1	10.93	10.86	10.67
Preserved fruits and vegetables	449.17	414.16	402.52	41.9	39.9	40.7	10.72	10.38	9.89
Bakery products	469.90	461.09	468.33	40.3	40.2	40.2	11.66	11.47	11.65
Beverages	410.40	416.15	413.59	40.0	40.6	41.4	10.26	10.25	9.99
Apparel and other textile products	300.00	295.02	268.46	40.0	39.6	37.6	7.50	7.45	7.14
Paper and allied products	493.50	498.85	493.50	44.3	44.7	44.3	11.14	11.16	11.14
Misc. converted paper products	445.88	431.57	454.82	43.8	42.9	44.2	10.18	10.06	10.29
Paperboard containers and boxes	428.11	445.09	432.72	43.2	44.2	43.1	9.91	10.07	10.04
Printing and publishing	447.92	442.18	429.37	40.1	39.8	39.5	11.17	11.11	10.87
Newspapers	394.20	378.43	361.53	36.0	35.4	35.1	10.95	10.69	10.30
Commercial printing	443.69	438.19	433.78	41.7	41.3	41.0	10.64	10.61	10.58
Chemicals and allied products	560.73	544.84	521.59	43.4	42.4	42.2	12.92	12.85	12.36
Industrial inorganic chemicals	629.72	617.75	555.10	45.5	44.7	41.8	13.84	13.82	13.28
Rubber and misc. plastics products	454.75	453.44	447.38	43.6	43.6	43.1	10.43	10.40	10.38
Tires and inner tubes	663.62	660.61	634.20	46.8	46.1	45.3	14.18	14.33	14.00
Miscellaneous plastics products	435.89	435.02	435.89	43.2	43.2	43.2	10.09	10.07	10.09

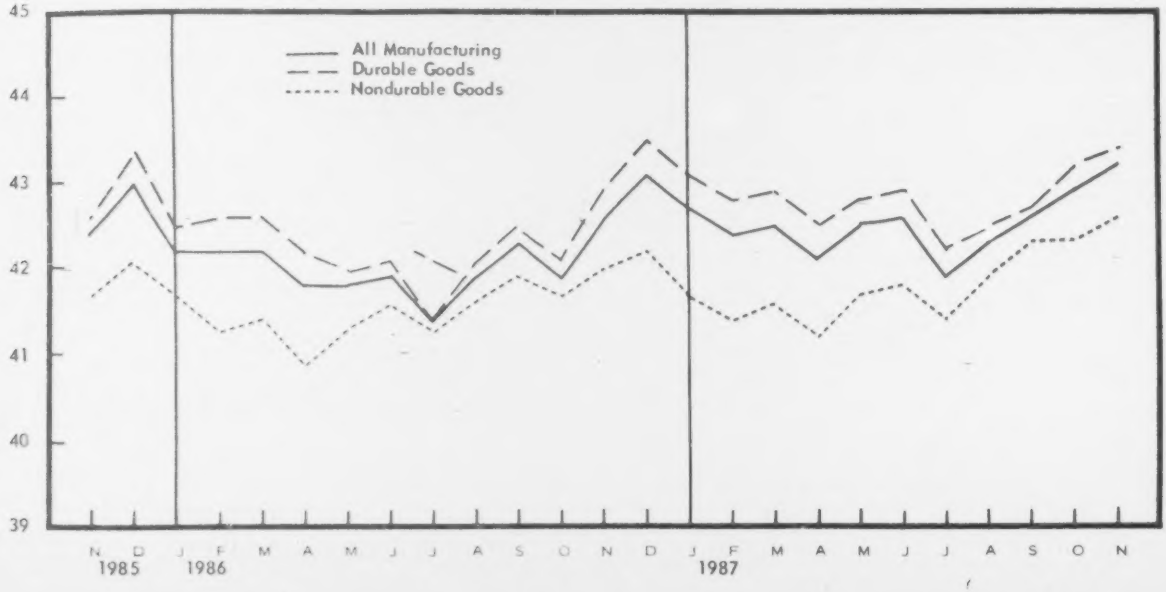
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

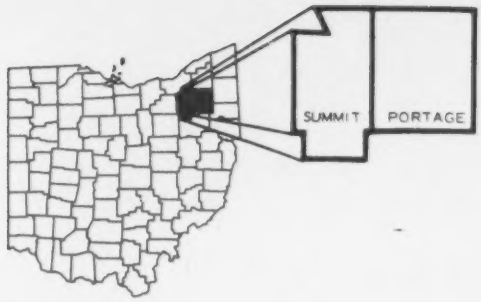
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MINING	$544.56	$538.53	$528.96	43.6	43.5	43.5	$12.49	$12.38	$12.16
Bituminous coal and lignite mining	661.58	639.66	623.83	42.6	42.0	40.8	15.53	15.23	15.29
CONSTRUCTION	586.97	586.53	565.74	39.5	39.9	38.2	14.86	14.70	14.81
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	556.63	557.74	551.26	40.6	40.8	41.2	13.71	13.67	13.38
Communication	540.95	542.70	541.82	40.1	40.2	40.8	13.49	13.50	13.28
Electric, gas, and sanitary services	578.20	576.85	561.60	41.3	41.5	41.6	14.00	13.90	13.50
WHOLESALE TRADE	387.29	385.52	371.99	39.6	39.5	39.7	9.78	9.76	9.37
Wholesale trade-durable goods	379.76	378.63	364.72	39.6	39.4	39.6	9.59	9.61	9.21
Wholesale trade-nondurable goods	401.18	397.79	382.71	39.8	39.7	39.7	10.08	10.02	9.64
RETAIL TRADE[h]	161.60	163.88	157.32	28.4	28.7	28.5	5.69	5.71	5.52
General merchandise stores	169.63	177.89	174.89	27.9	28.6	29.1	6.08	6.22	6.01
Department stores	173.54	182.82	179.26	27.9	28.7	29.1	6.22	6.37	6.16
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	259.11	260.75	250.72	....	....	....	.....	.....	.....
Credit agencies other than banks	254.57	253.83	243.87	....	....	....	.....	.....	.....
Insurance carriers	352.87	353.27	342.96	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	331.87	331.91	320.41	32.6	32.7	33.1	10.18	10.15	9.68

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



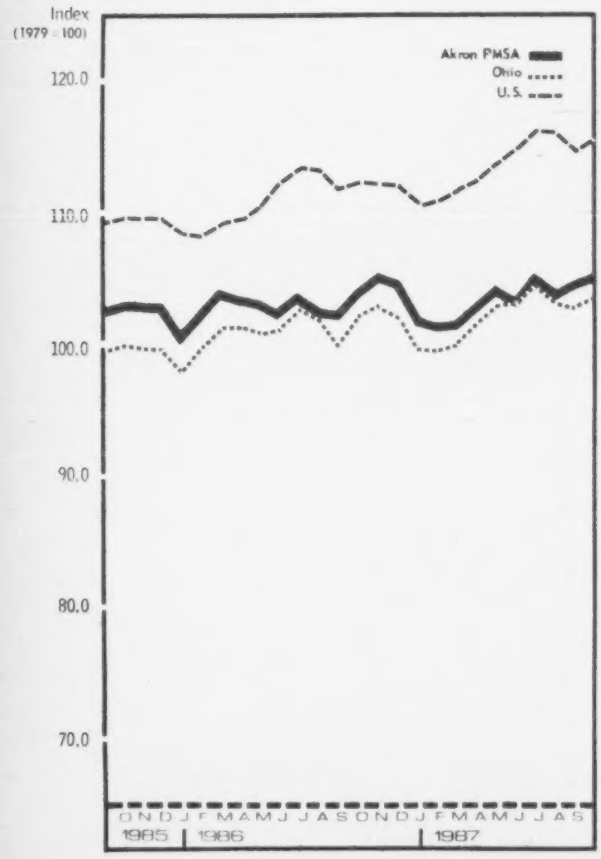
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



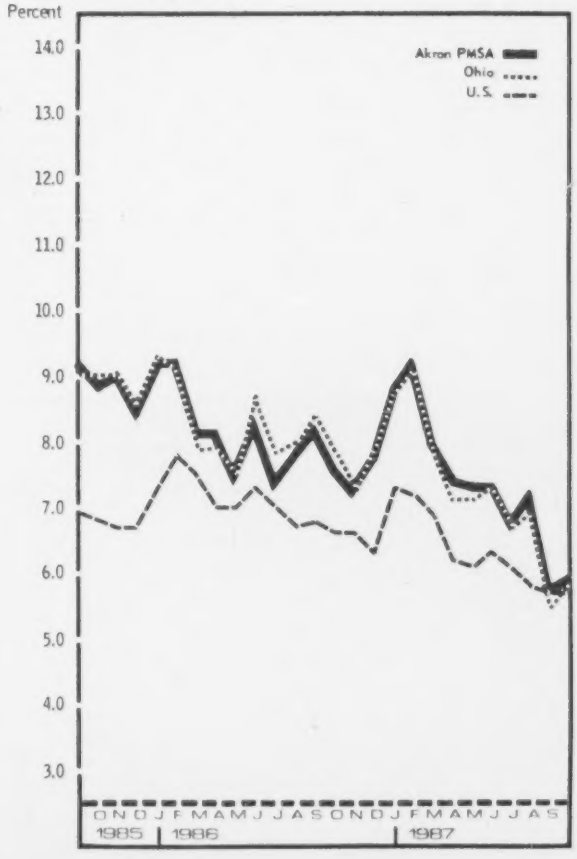
Nonagricultural wage and salary employment in the Akron metropolitan area totaled 272,000 in November, an improvement of 200 from October. Manufacturing employment rose 300, to 65,300, due to small advances in durable-goods industries. Employment in nonmanufacturing declined 200 over the month. Scattered reductions in other divisions offset a moderate gain in retail trade. Manufacturing production workers averaged a 43.3 hour workweek, up fractionally from the previous month. Their average hourly earnings were $11.25, down $.04 from October.

Nonfarm wage and salary employment in the Akron area advanced 6,300 from November 1986. Expansion was registered in nearly every nonmanufacturing industry. Notable improvements occurred in services, retail trade, and construction. Declines in tires and inner tubes helped contribute to the reduction of 1,500 manufacturing jobs.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



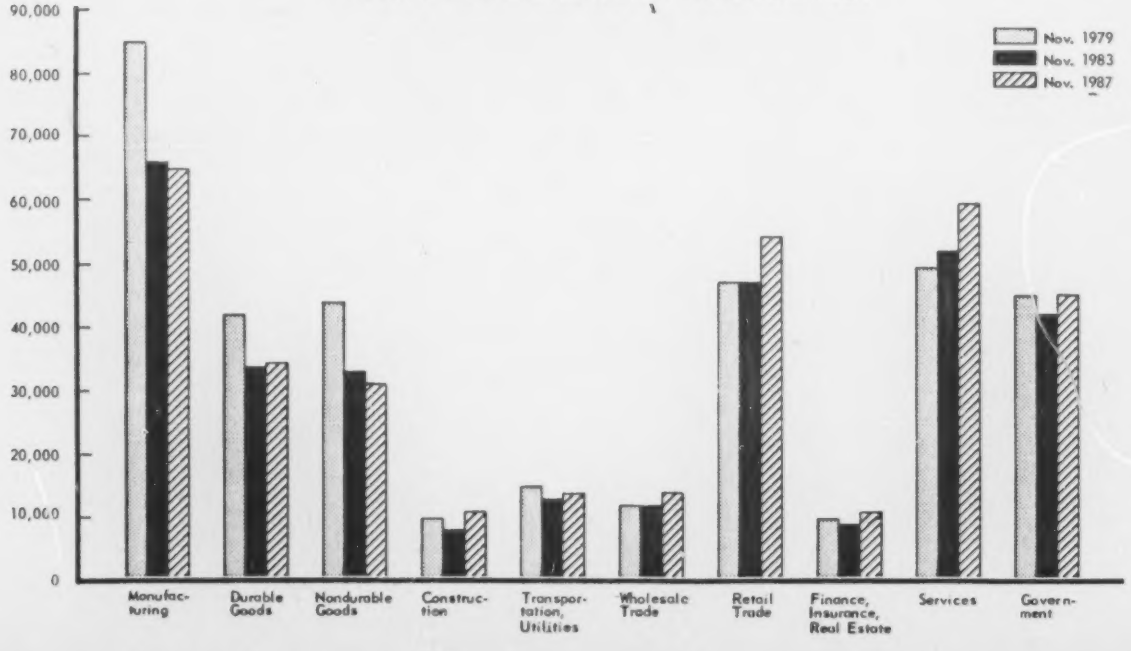
AKRON PMSA LABOR FORCE & EMPLOYMENT DATA

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	$253.44	42.1	$ 6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
319.5	293.9	25.6	8.0	1986	260.0	66.8	36.2	484.70	43.2	11.22
				1986						
320.4	296.2	24.3	7.6	October	263.9	66.5	36.0	488.91	43.0	11.37
323.4	300.2	23.2	7.2	November	265.7	66.7	36.2	491.62	43.2	11.38
322.9	297.8	25.2	7.8	December	266.4	67.0	36.3	498.08	43.5	11.45
				1987						
318.2	290.0	28.1	8.8	January	259.5	66.6	36.2	489.62	43.1	11.36
318.0	288.7	29.2	9.2	February	259.2	66.2	35.9	487.05	42.5	11.46
314.4	289.3	25.1	8.0	March	260.5	65.2	35.4	483.64	42.8	11.30
316.9	293.4	23.5	7.4	April	263.4	64.7	34.9	483.75	43.0	11.25
320.9	297.5	23.4	7.3	May	266.8	64.5	35.0	487.19	43.0	11.33
317.3	294.3	23.1	7.3	June	262.8	64.5	35.0	488.32	43.1	11.33
321.3	299.8	21.6	6.7	July	262.9	64.2	34.9	469.42	42.1	11.15
318.8	295.7	23.1	7.2	August	263.1	64.3	35.0	482.36	43.3	11.14
316.3	298.1	18.2	5.7	September	270.1	65.3	36.0	488.42	43.3	11.28
318.6	299.9	18.7	5.9	October	271.8	65.0	35.9	487.73	43.2	11.29
INA	INA	INA	INA	November	272.0	65.3	36.1	487.13	43.3	11.25

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	272.0	271.8	265.7	.2	6.3
MANUFACTURING	65.3	65.0	66.7	.3	- 1.5
Durable Goods[e]	34.6	34.3	35.0	.3	- .4
Fabricated metal products	12.7	12.6	13.1	.1	- .4
Machinery, except electrical	9.4	9.3	9.3	.1	.1
Metalworking machinery	3.1	3.1	3.0	.0	.1
Nondurable Goods[f]	30.7	30.6	31.7	.0	- 1.1
Food and kindred products	2.8	2.8	2.7	.0	.1
Chemicals and allied products	3.0	3.0	2.9	- .1	.1
Rubber and misc. plastics products	19.2	19.1	20.7	.1	- 1.5
Tires and inner tubes	11.7	11.8	13.4	- .1	- 1.7
NONMANUFACTURING[g]	206.7	206.9	199.0	- .2	7.8
CONSTRUCTION	10.9	11.4	9.6	- .5	1.4
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.6	13.2	.0	.4
Communication, electric, gas services	5.5	5.5	5.4	.0	.1
WHOLESALE TRADE	13.7	13.8	13.7	- .1	- .1
RETAIL TRADE	53.9	53.2	52.3	.8	1.6
General merchandise stores	7.3	6.8	7.5	.5	- .2
FINANCE, INSURANCE, AND REAL ESTATE	10.6	10.6	10.2	.0	.4
Banking	3.1	3.1	3.2	.0	.0
SERVICES	58.7	59.2	55.4	- .5	3.3
Business services	11.4	11.5	10.6	- .2	.8
Amusement and recreation services	3.1	3.3	2.4	- .2	.7
Health services	18.5	18.4	17.7	.1	.8
GOVERNMENT	44.7	44.5	43.9	.2	.7
State government	16.6	16.4	15.7	.1	.8
State government education[i]	13.7	13.5	12.9	.2	.8
State government, except education	2.9	2.9	2.9	- .1	.0
Local government	25.8	25.7	25.8	.0	- .1
Local government education	14.7	14.4	14.4	.2	.3
Local government, except education	11.1	11.3	11.5	- .2	- .4

Hours & Earnings of Production or Nonsupervisory Workers[a]

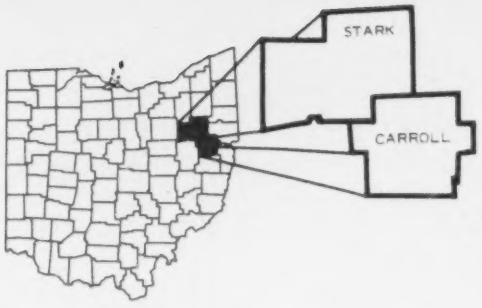
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$487.13	$487.73	$491.62	43.3	43.2	43.2	$11.25	$11.29	$11.38
Durable Goods[e]	500.12	500.55	515.66	43.3	43.3	43.7	11.55	11.56	11.80
Fabricated metal products	595.81	589.90	665.62	43.3	42.5	46.0	13.76	13.88	14.47
Machinery, except electrical	462.48	472.44	436.80	45.7	46.5	44.3	10.12	10.16	9.86
Metalworking machinery	503.97	475.07	439.88	47.1	45.9	43.9	10.70	10.35	10.02
Nondurable Goods[f]	467.64	467.41	456.67	43.3	43.0	42.6	10.80	10.87	10.72
Food and kindred products	466.13	470.41	456.18	43.2	43.8	42.2	10.79	10.74	10.81
Chemicals and allied products	520.78	510.35	451.07	43.8	42.6	40.6	11.89	11.98	11.11
Rubber and misc. plastics products	482.45	490.39	485.10	44.1	44.1	44.1	10.94	11.12	11.00
Tires and inner tubes	729.52	738.02	709.04	47.9	47.4	48.3	15.23	15.57	14.68
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	567.12	572.52	567.84	40.8	41.1	41.6	13.90	13.93	13.65
WHOLESALE TRADE	336.17	334.27	313.96	37.9	37.1	37.6	8.87	9.01	8.35
RETAIL TRADE[h]	198.32	201.83	192.20	32.3	32.5	31.1	6.14	6.21	6.18

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	2,262	2,947	2,213
Active File of Job Seekers	17,533	17,920	20,390
Referrals to Jobs	937	1,563	977
Placements	185	612	372
Job Openings Received	417	748	501
Job Openings Unfilled	1,117	1,288	694
Unemployment Insurance Program			
Initial Claims	3,315	2,438	3,815
Continued Claims	21,116	20,908	25,231
First Payments	1,039	958	1,245
Last Payments	376	497	371
Weeks Compensated	15,138	18,454	17,108
Benefits Paid	$2,251,949	$2,780,952	$2,476,167
Average Weekly Payment	$152.84	$155.04	$148.59

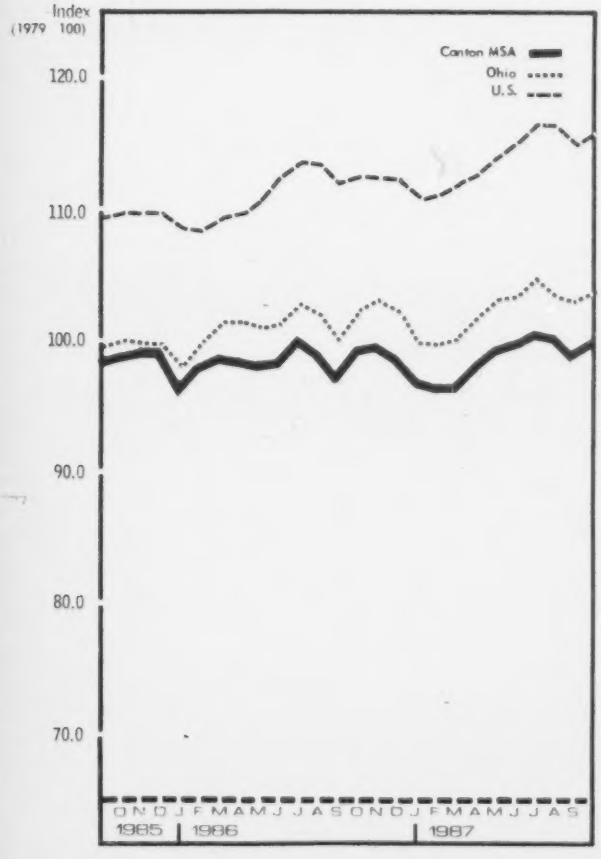
CANTON
METROPOLITAN STATISTICAL AREA



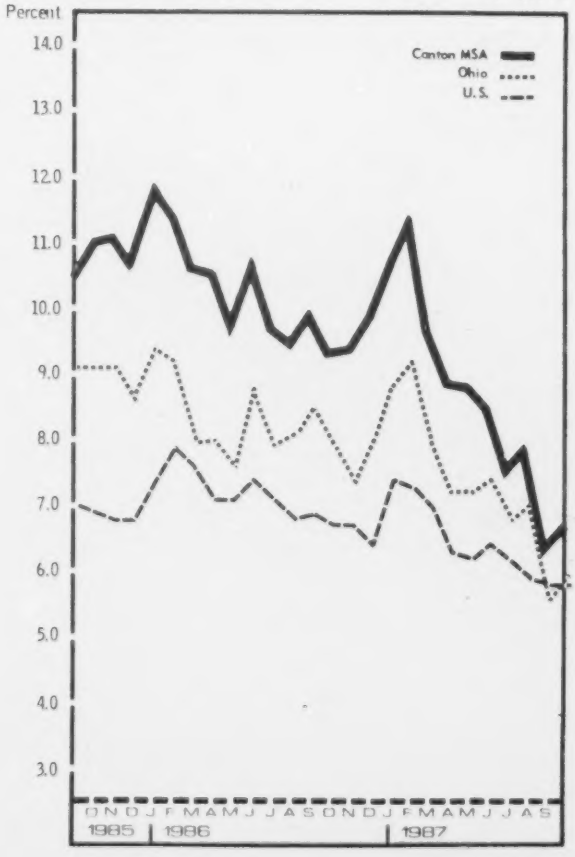
Nonfarm wage and salary employment in the Canton metropolitan area totaled 157,800 in November, an increase of 200 from October. Employment in manufacturing remained unchanged at 42,500. Nonmanufacturing employment registered a slight improvement of 200 jobs due to gains in retail trade and local government education. Factory workers averaged a 42.1 hour workweek, an increase of .3 hours from October. Their average hourly earnings were $11.31, down slightly from last month.

Nonagricultural wage and salary employment advanced 3,600 from November 1986. Growth in retail trade, construction, and services contributed most to the increase. Declines in fabricated metal products and food and kindred products helped lower manufacturing employment 600 over the period.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

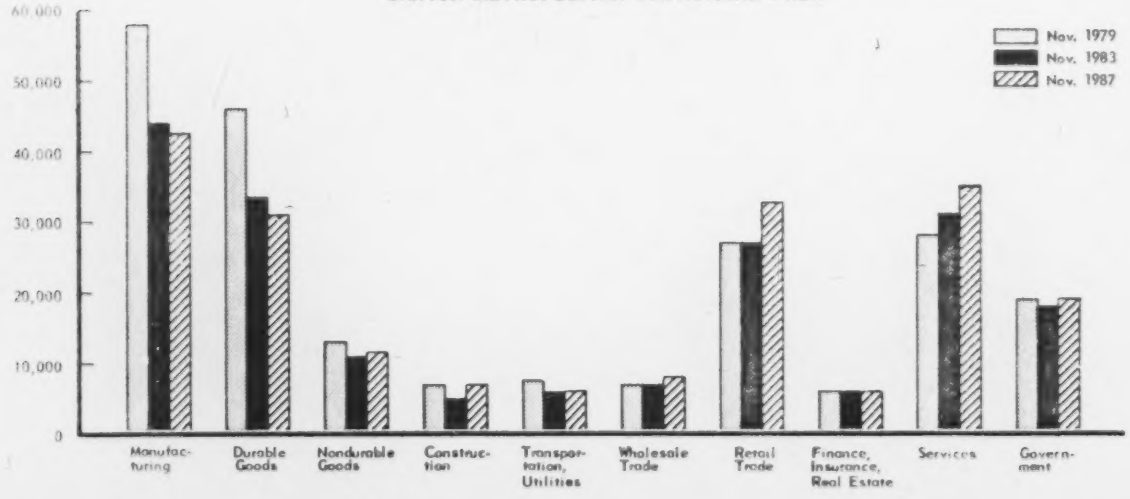


CANTON MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	$244.73	39.6	$ 6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.3	171.0	19.4	10.2	1986	151.8	43.5	30.9	451.76	40.3	11.21
				1986						
190.2	172.4	17.7	9.3	October	149.7	38.7	26.2	445.61	40.4	11.03
191.1	173.2	18.0	9.4	November	154.2	43.0	30.5	471.33	41.2	11.44
190.3	171.5	18.7	9.9	December	154.4	42.8	30.2	476.94	41.8	11.41
				1987						
188.2	168.1	20.1	10.7	January	151.3	42.7	30.2	483.19	42.2	11.45
189.2	167.6	21.6	11.4	February	151.2	42.9	30.2	476.70	42.0	11.35
185.7	167.6	18.1	9.7	March	151.7	42.7	30.1	477.12	42.0	11.36
187.3	170.6	16.7	8.9	April	153.9	42.7	30.2	471.03	41.5	11.35
189.2	172.6	16.7	8.8	May	155.6	42.5	30.1	486.35	42.7	11.39
189.7	173.5	16.2	8.5	June	156.4	42.5	30.1	479.39	42.2	11.36
189.1	175.0	14.1	7.5	July	154.8	41.7	29.5	470.50	41.6	11.31
188.8	173.9	14.8	7.9	August	156.1	42.2	30.2	460.73	41.1	11.21
183.7	172.1	11.6	6.3	September	156.8	42.5	30.5	468.95	41.5	11.30
186.1	173.7	12.4	6.7	October	157.6	42.4	30.5	476.52	41.8	11.40
INA	INA	INA	INA	November	157.8	42.5	30.7	476.15	42.1	11.31

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	157.8	157.6	154.2	.2	3.6
MANUFACTURING	42.5	42.4	43.0	.0	- .6
Durable Goods[e]	31.4	31.5	31.8	.0	- .3
Primary metal industries	10.2	10.2	10.0	.0	.2
Fabricated metal products	6.2	6.2	6.8	.0	- .6
Metal forgings and stampings	2.0	2.0	2.4	.0	- .4
Nondurable Goods[f]	11.0	11.0	11.3	.1	- .3
Food and kindred products	3.5	3.5	3.8	.0	- .3
Rubber and misc. plastics products	2.8	2.8	2.7	.0	.1
NONMANUFACTURING[g]	115.4	115.2	111.1	.2	4.2
CONSTRUCTION	7.3	7.5	6.1	- .2	1.2
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	5.9	.0	.2
Communication, electric, gas services	2.7	2.7	2.7	.0	.0
WHOLESALE TRADE	8.1	8.1	8.0	- .1	.1
Wholesale trade-durable goods	4.5	4.6	4.6	.0	- .1
RETAIL TRADE	32.8	32.5	31.3	.4	1.5
General merchandise stores	4.3	4.0	4.3	.3	.1
Food stores	5.3	5.3	5.2	.0	.1
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.6	6.5	.0	.0
Banking	1.9	1.9	1.9	.0	.0
SERVICES	34.8	35.0	33.9	- .2	.9
Health services	15.0	15.0	14.5	.0	.5
GOVERNMENT	18.7	18.4	18.4	.3	.3
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	15.6	15.3	15.3	.3	.3
Local government education	9.2	8.9	9.4	.3	- .2
Local government, except education	6.4	6.4	5.9	.0	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

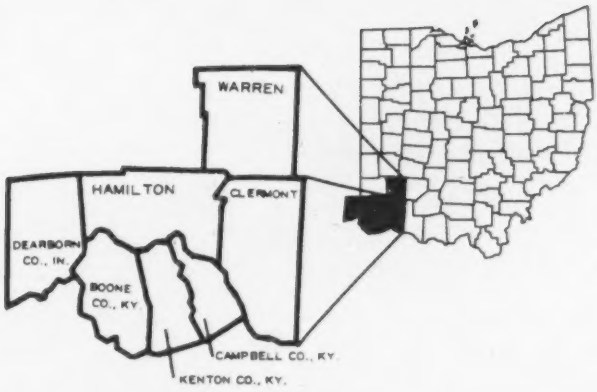
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$476.15	$476.52	$471.33	42.1	41.8	41.2	$11.31	$11.40	$11.44
Durable Goods[e]	491.84	494.16	492.89	42.4	42.2	41.7	11.60	11.71	11.82
Primary metal industries	554.27	567.23	542.19	43.1	43.3	41.9	12.86	13.10	12.94
Fabricated metal products	448.20	446.87	487.89	41.5	41.3	41.7	10.80	10.82	11.70
Metal forgings and stampings	628.58	611.46	626.33	42.3	40.9	41.7	14.86	14.95	15.02
Nondurable Goods[f]	425.17	419.99	405.73	41.0	40.5	39.7	10.37	10.37	10.22
Food and kindred products	429.20	419.93	421.11	40.0	39.1	39.1	10.73	10.74	10.77
Rubber and misc. plastics products	441.74	435.25	417.83	41.4	41.1	41.7	10.67	10.59	10.02
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	560.60	559.24	540.79	41.1	41.0	41.0	13.64	13.64	13.19
WHOLESALE TRADE	391.56	387.22	335.30	39.0	38.8	35.0	10.04	9.98	9.58
RETAIL TRADE[h]	156.02	155.27	154.23	29.0	28.7	29.1	5.38	5.41	5.30

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	1,202	1,099	1,566
Active File of Job Seekers	10,895	11,007	17,921
Referrals to Jobs	950	945	948
Placements	153	153	247
Job Openings Received	452	408	407
Job Openings Unfilled	600	518	332
Unemployment Insurance Program			
Initial Claims	2,424	1,787	4,341
Continued Claims	13,221	12,491	21,274
First Payments	646	627	1,050
Last Payments	169	243	313
Weeks Compensated	8,871	10,248	17,713
Benefits Paid	$1,205,218	$1,417,484	$2,629,401
Average Weekly Payment	$142.84	$142.84	$153.80

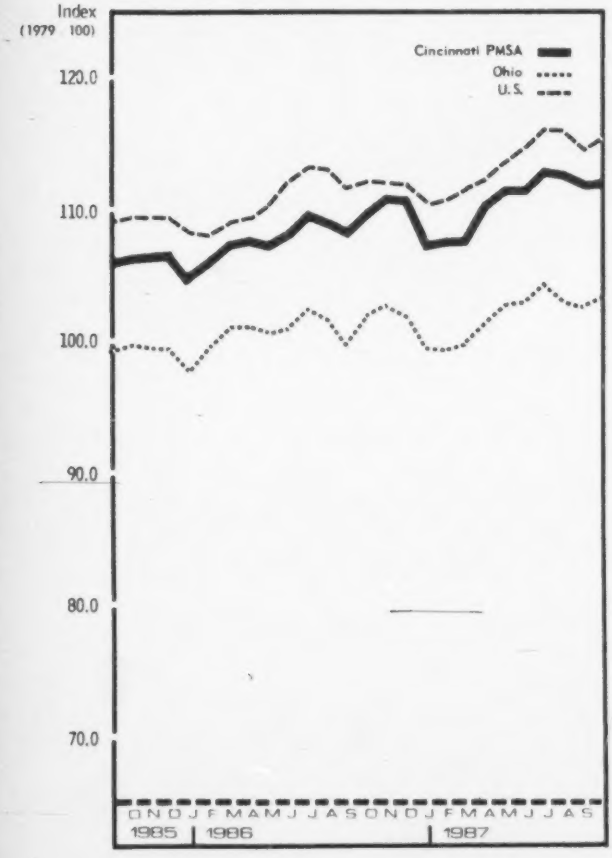
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



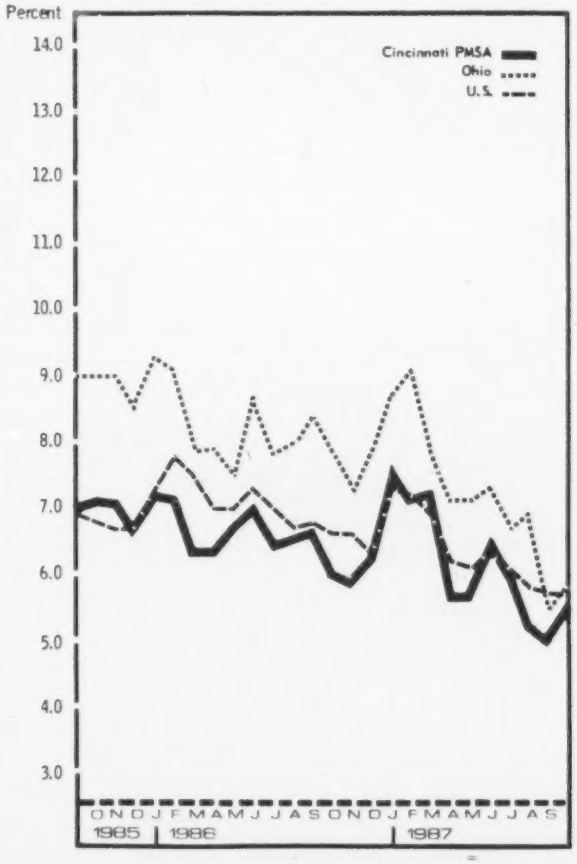
Nonagricultural wage and salary employment in the Cincinnati metropolitan area was 692,400 in November, up 4,400 from October. Manufacturing employment, at 146,100, was up 1,200 due to returns from temporary layoffs in motor vehicles and equipment. Losses in construction were more than offset by seasonal gains in retail trade and local schools. Factory production workers earned an average of $11.02 per hour, up $.15 from October. The average workweek was up slightly, to 43.3 hours.

Since November 1986, nonfarm employment increased 24,900. Growth in business and health services, retail trade, and construction contributed most to the improvement, although all nonmanufacturing sectors recorded gains. Losses in motor vehicles and equipment negated improvements in nondurable-goods industries, lowering manufacturing employment 3,300 over the year.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

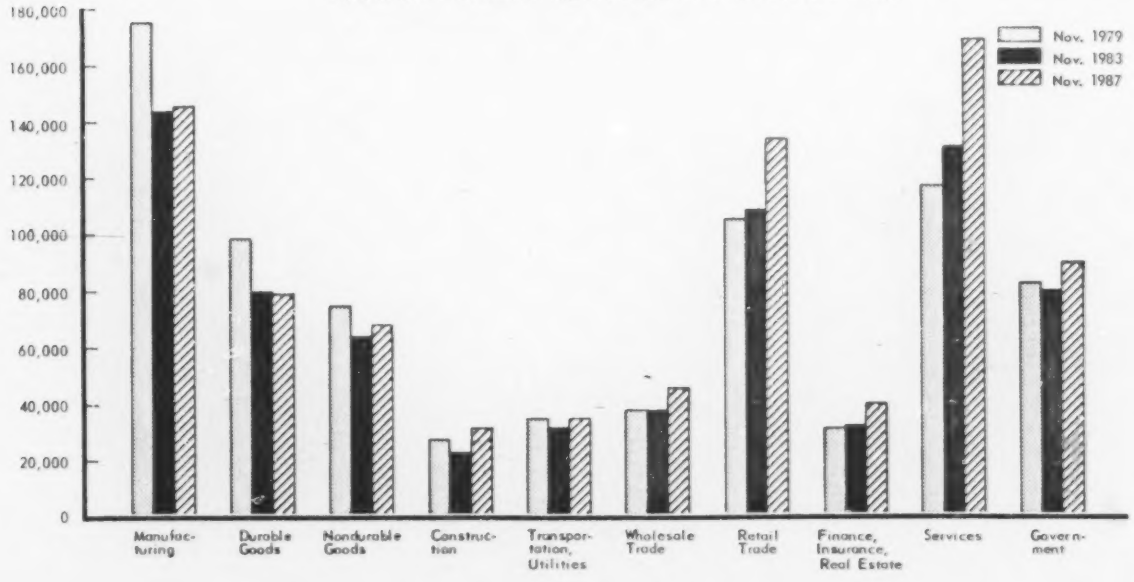


CINCINNATI PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	$232.22	41.1	$ 5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
726.5	679.4	47.2	6.5	1986	651.2	147.9	95.7	453.00	42.1	10.76
				1986						
733.0	689.2	43.7	6.0	October	665.5	149.2	97.1	459.00	42.5	10.80
738.8	696.2	42.5	5.8	November	667.5	149.4	97.3	474.57	43.3	10.96
738.5	693.0	45.5	6.2	December	669.1	148.6	96.3	472.14	43.0	10.98
				1987						
727.5	671.9	55.6	7.6	January	650.8	144.3	91.8	458.53	42.3	10.84
726.9	675.2	51.6	7.1	February	655.2	147.2	94.6	467.25	42.4	11.02
727.0	675.0	52.0	7.2	March	657.2	143.9	91.6	462.40	42.5	10.88
732.2	691.5	40.7	5.6	April	671.8	147.5	95.3	459.38	41.8	10.99
740.9	699.3	41.6	5.6	May	678.7	148.1	95.7	466.15	42.3	11.02
747.8	698.8	48.9	6.5	June	679.2	145.4	92.6	466.52	42.8	10.90
752.9	708.5	44.4	5.9	July	678.2	145.6	92.4	451.73	42.1	10.73
744.9	705.9	38.9	5.2	August	684.7	149.2	96.2	472.69	42.7	11.07
738.5	702.0	36.6	4.9	September	688.8	147.0	94.2	471.71	43.0	10.97
743.7	702.9	40.8	5.5	October	687.9	144.9	92.0	467.41	43.0	10.87
INA	INA	INA	INA	November	692.4	146.1	93.8	477.17	43.3	11.02

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Cincinnati PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	692.4	687.9	667.5	4.4	24.9
MANUFACTURING	146.1	144.9	149.4	1.2	- 3.3
Durable Goods[e]	78.6	77.7	82.7	.8	- 4.2
Fabricated metal products	11.3	11.2	11.1	.1	.2
Fabricated structural metal products	4.5	4.5	4.2	.0	.3
Machinery, except electrical	19.4	19.4	20.3	.0	- .9
Metalworking machinery	7.8	7.8	8.5	- .1	- .7
General industrial machinery	2.7	2.7	2.7	.0	.0
Electric and electronic equipment	7.5	7.4	7.6	.0	- .2
Transportation equipment	25.0	24.1	28.9	.9	- 3.9
Motor vehicles and equipment	4.8	3.6	8.5	1.2	- 3.7
Nondurable Goods[f]	67.6	67.1	66.6	.4	.9
Food and kindred products	13.3	13.2	13.2	.0	.1
Beverages	3.7	3.7	4.0	.0	- .3
Apparel and other textile products	4.0	3.8	3.6	.2	.4
Paper and allied products	6.8	6.7	6.5	.1	.3
Printing and publishing	13.4	13.4	13.2	.0	.2
Commercial printing	5.8	5.9	5.6	- .1	.2
Chemicals and allied products	22.4	22.3	22.3	.1	.1
Rubber and misc. plastics products	5.8	5.8	5.6	- .1	.2
NONMANUFACTURING[g]	546.3	543.1	518.1	3.2	28.1
CONSTRUCTION	31.7	32.2	28.9	- .5	2.8
TRANSPORTATION AND PUBLIC UTILITIES	35.5	35.5	34.6	.0	.8
Trucking and warehousing	9.7	9.6	9.7	.0	.0
Communication, electric, gas services	15.3	15.3	15.3	.0	.0
WHOLESALE TRADE	45.9	45.8	43.6	.1	2.3
Wholesale trade-durable goods	27.5	27.6	26.0	- .1	1.5
RETAIL TRADE	133.7	131.8	127.8	1.9	5.9
General merchandise stores	20.8	19.8	20.3	1.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	41.0	40.7	38.8	.3	2.2
Banking	8.6	8.6	8.1	.1	.5
Insurance carriers	13.4	13.3	12.7	.1	.7
SERVICES	168.6	168.0	156.8	.5	11.8
Hotels and other lodging places	6.7	6.6	6.3	.1	.3
Personal services	8.5	8.5	8.1	.0	.4
Business services	41.0	40.9	36.7	.1	4.3
Amusement and recreation services	7.3	7.1	6.8	.2	.5
Health services	52.8	52.7	49.6	.1	3.2
Hospitals	25.3	25.3	23.6	.0	1.6
GOVERNMENT	89.5	88.6	87.2	.9	2.3
Federal government	14.4	14.3	14.0	.1	.4
State government	19.9	19.6	19.5	.3	.4
State government education[1]	12.0	11.8	11.7	.2	.3
State government, except education	7.9	7.8	7.8	.1	.1
Local government	55.2	54.7	53.7	.5	1.5
Local government education	32.9	32.3	32.0	.6	1.0
Local government, except education	22.3	22.3	21.8	.0	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$477.17	$467.41	$474.57	43.3	43.0	43.3	$11.02	$10.87	$10.96
Durable Goods[e]	475.23	464.40	484.34	43.4	43.2	43.4	10.95	10.75	11.16
Fabricated metal products	420.85	424.77	412.56	42.9	43.3	43.2	9.81	9.81	9.55
Fabricated structural metal products	428.15	429.57	436.00	43.6	43.7	43.6	9.82	9.83	10.00
Machinery, except electrical	434.88	424.42	434.00	43.1	42.4	43.4	10.09	10.01	10.00
Metalworking machinery	489.00	453.06	488.40	43.7	41.3	44.0	11.19	10.97	11.10
General industrial machinery	459.11	456.06	414.15	46.8	46.3	44.2	9.81	9.85	9.37
Electric and electronic equipment	363.74	355.72	369.08	41.1	40.7	41.1	8.85	8.74	8.98
Transportation equipment	705.74	695.19	693.46	46.4	46.1	46.2	15.21	15.08	15.01
Motor vehicles and equipment	772.19	797.02	686.21	47.2	48.1	44.3	16.36	16.57	15.49
Nondurable Goods[f]	480.20	469.94	464.83	43.3	42.8	43.2	11.09	10.98	10.76
Food and kindred products	539.63	510.51	482.36	45.5	44.2	43.3	11.86	11.55	11.14
Beverages	520.83	520.00	501.77	41.5	41.5	41.4	12.55	12.53	12.12
Apparel and other textile products	223.00	226.16	219.13	39.4	40.1	39.2	5.66	5.64	5.59
Paper and allied products	440.45	434.61	427.00	44.4	43.9	42.7	9.92	9.90	10.00
Printing and publishing	463.30	458.28	461.77	41.0	40.7	40.4	11.30	11.26	11.43
Commercial printing	480.82	468.86	522.85	42.4	41.9	43.9	11.34	11.19	11.91
Chemicals and allied products	556.84	536.78	551.09	43.3	42.2	44.3	12.86	12.72	12.44
Rubber and misc. plastics products	412.07	444.15	432.35	44.5	47.0	47.2	9.26	9.45	9.16
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	555.41	551.86	532.53	40.6	40.4	40.1	13.68	13.66	13.28
WHOLESALE TRADE	395.93	389.09	386.75	41.2	40.7	41.1	9.61	9.56	9.41
RETAIL TRADE[h]	164.93	165.79	161.57	29.4	29.5	28.8	5.61	5.62	5.61
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	259.44	260.78	258.81	....	....	....	.....	.....	.....

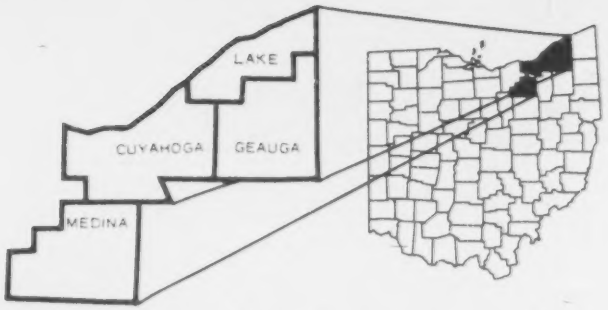
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	3,505	4,280	3,044
Active File of Job Seekers	21,010	21,333	24,646
Referrals to Jobs	2,333	2,833	2,017
Placements	956	1,147	606
Job Openings Received	1,163	1,960	778
Job Openings Unfilled	3,222	3,512	1,856
Unemployment Insurance Program			
Initial Claims	5,105	4,772	4,844
Continued Claims	37,324	39,438	34,363
First Payments	1,568	1,593	1,544
Last Payments	358	549	586
Weeks Compensated	27,130	35,570	24,906
Benefits Paid	$4,333,086	$5,748,297	$3,506,258
Average Weekly Payment	$162.88	$164.63	$144.23

[a]Ohio data only

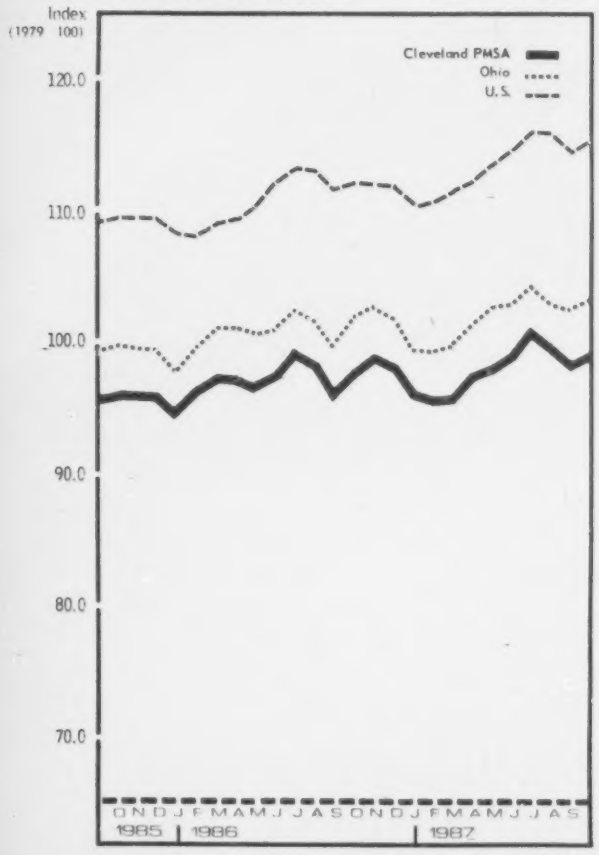
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



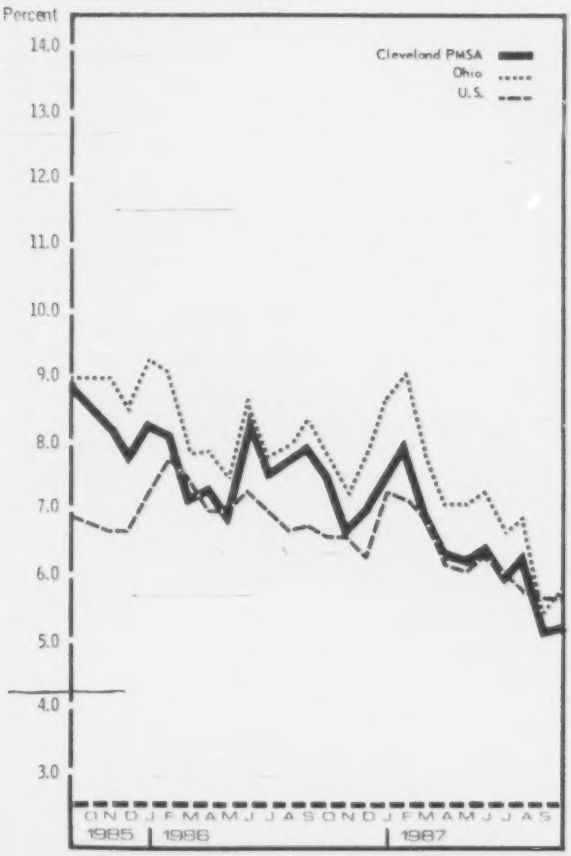
Nonfarm employment in the Cleveland metropolitan area increased 3,400 from October, to 917,000 in November. Manufacturing gained 1,000 workers as all durable-goods industries reflected increased employment, especially metal forgings and stampings, electric and electronic equipment, motor vehicles and equipment, and instruments and related products. Nonmanufacturing employment advanced 2,500 over the month, to 710,500. Seasonal gains in retail trade and nonteaching personnel in local schools outweighed seasonal declines in construction and amusement and recreation services. Factory production workers averaged $11.68 per hour, up slightly from October. Their average workweek, 43.9 hours, was .6 hours longer.

Nonagricultural wage and salary employment, since November 1986, advanced 23,100. Nonmanufacturing sectors accounted for 94.4 percent of the gain. Significant growth was noted in services, retail trade, and finance, insurance, and real estate. Manufacturing employment gained 1,300 jobs over the period due primarily to expansion in nondurable-goods industries, particularly chemicals and allied products, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

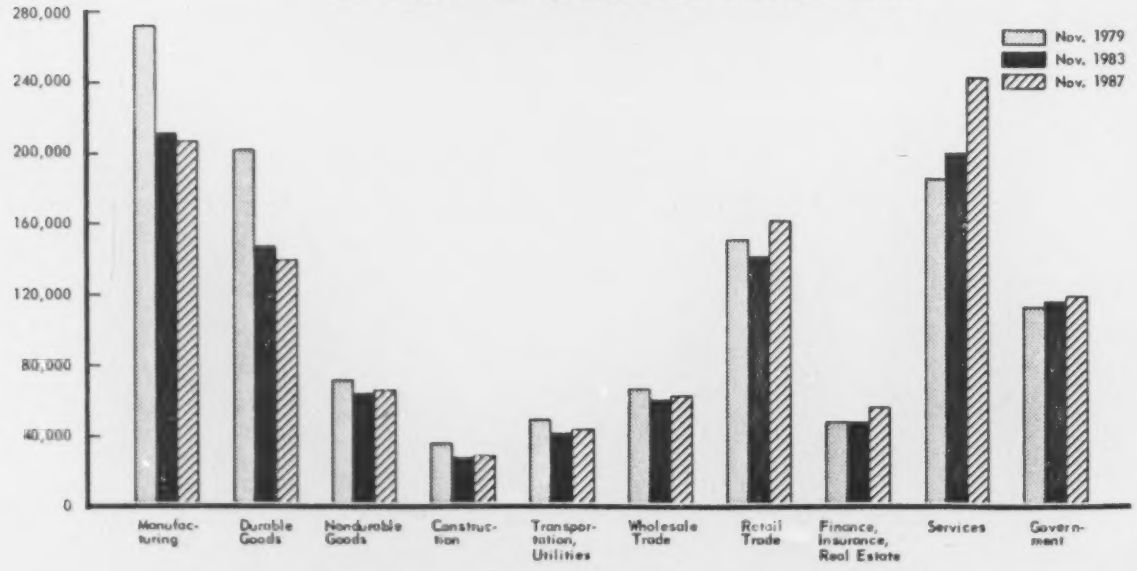


CLEVELAND PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	$260.62	41.9	$ 6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
934.3	864.1	70.2	7.5	1986	880.8	205.5	132.0	481.62	42.1	11.44
				1986						
939.0	868.2	70.8	7.5	October	890.6	203.8	129.8	480.36	42.1	11.41
939.3	877.3	62.0	6.6	November	893.9	205.2	131.4	500.39	43.1	11.61
935.9	870.4	65.5	7.0	December	896.5	205.4	131.6	505.61	43.4	11.65
				1987						
920.6	851.9	68.7	7.5	January	877.6	203.9	130.6	503.84	43.1	11.69
921.8	848.5	73.4	8.0	February	876.0	203.6	130.4	493.64	42.3	11.67
914.3	850.9	63.4	6.9	March	881.0	203.6	130.7	498.07	42.9	11.61
923.1	865.1	58.0	6.3	April	893.4	203.8	130.9	494.89	42.7	11.59
930.8	872.8	58.0	6.2	May	900.8	203.9	130.3	493.19	42.7	11.55
940.0	879.7	60.3	6.4	June	908.0	204.2	130.5	494.21	42.9	11.52
954.0	897.4	56.6	5.9	July	910.0	202.8	128.9	476.52	41.8	11.40
942.3	882.9	59.4	6.3	August	908.3	203.3	129.6	486.75	42.4	11.48
918.1	871.2	46.9	5.1	September	909.4	204.6	131.0	487.05	42.5	11.46
926.2	878.2	48.0	5.2	October	913.6	205.6	131.9	501.85	43.3	11.59
INA	INA	INA	INA	November	917.0	206.5	132.9	512.75	43.9	11.68

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	917.0	913.6	893.9	3.4	23.1
MANUFACTURING	206.5	205.6	205.2	1.0	1.3
Durable Goods[e]	140.3	139.2	140.3	1.1	.0
Primary metal industries	21.2	21.1	21.3	.1	- .1
Iron and steel foundries	5.3	5.2	5.4	.1	- .1
Fabricated metal products	33.2	33.0	32.4	.2	.8
Fabricated structural metal products	3.9	3.8	3.8	.1	.0
Screw machine products, bolts, etc.	4.9	4.8	4.6	.0	.2
Metal forgings and stampings	11.5	11.3	11.1	.2	.4
Machinery, except electrical	30.2	30.1	30.5	.1	- .3
Construction and related machinery	2.6	2.6	2.5	.0	.1
Metalworking machinery	9.8	9.8	9.9	.0	- .2
Special industry machinery	3.2	3.2	3.5	.0	- .3
General industrial machinery	2.8	2.7	2.9	.0	- .1
Electric and electronic equipment	19.3	19.1	19.2	.2	.2
Electrical industrial apparatus	6.6	6.6	6.5	.0	.1
Transportation equipment	19.3	19.0	19.4	.2	- .1
Motor vehicles and equipment	12.3	12.1	12.4	.2	- .1
Instruments and related products	6.3	6.1	7.2	.2	- .9
Measuring and controlling devices	4.1	4.1	4.3	.1	- .2
Nondurable Goods[f]	66.3	66.4	64.9	- .1	1.3
Food and kindred products	7.1	7.1	6.8	.0	.3
Apparel and other textile products	4.0	4.0	4.4	.0	- .3
Paper and allied products	5.8	5.8	5.5	.0	.3
Printing and publishing	16.9	16.9	16.7	.0	.2
Chemicals and allied products	15.0	15.1	14.3	.0	.7
Rubber and misc. plastics products	12.2	12.2	12.1	.0	.1
NONMANUFACTURING[g]	710.5	708.0	688.7	2.5	21.8
CONSTRUCTION	28.7	29.5	27.0	- .9	1.7
TRANSPORTATION AND PUBLIC UTILITIES	42.0	41.9	42.0	.1	.0
Trucking and warehousing	12.4	12.2	11.9	.2	.5
Communication, electric, gas services	18.1	18.1	18.8	- .1	- .8
WHOLESALE TRADE	62.2	62.2	62.4	.0	- .2
Wholesale trade-durable goods	42.8	42.8	43.3	- .1	- .5
RETAIL TRADE	160.5	158.2	155.9	2.2	4.6
General merchandise stores	21.7	20.7	21.8	1.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	55.5	55.4	53.0	.0	2.4
Banking	13.5	13.5	13.1	.0	.4
Credit agencies other than banks	9.2	9.2	8.8	.1	.5
Insurance carriers	13.4	13.3	12.8	.0	.6
SERVICES	241.7	242.3	229.7	- .6	12.0
Business services	55.3	55.3	51.0	.0	4.3
Amusement and recreation services	7.3	8.0	7.2	- .7	.0
Health services	76.3	76.3	73.1	.1	3.3
Hospitals	44.3	44.3	42.2	.0	2.1
GOVERNMENT	119.0	117.3	117.7	1.7	1.3
Federal government	20.5	20.3	20.1	.1	.4
State government	8.1	8.2	8.0	- .2	.0
State government education[i]	3.0	3.1	3.0	- .1	.0
State government, except education	5.1	5.1	5.0	.0	.1
Local government	90.4	88.7	89.5	1.7	.9
Local government education	45.4	44.1	43.8	1.3	1.6
Local government, except education	45.0	44.6	45.7	.4	- .7

Hours & Earnings of Production or Nonsupervisory Workers[a]

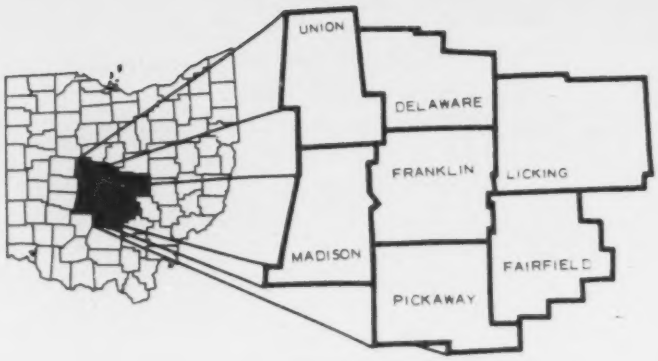
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$512.75	$501.85	$500.39	43.9	43.3	43.1	$11.68	$11.59	$11.61
Durable Goods[e]	550.92	538.36	534.45	44.9	44.2	43.7	12.27	12.18	12.23
Primary metal industries	610.06	592.39	610.16	47.0	46.1	44.7	12.98	12.85	13.65
Iron and steel foundries	862.00	816.22	850.68	50.0	47.9	51.0	17.24	17.04	16.68
Fabricated metal products	542.57	536.99	513.86	44.4	43.8	43.4	12.22	12.26	11.84
Fabricated structural metal products	423.42	384.69	359.97	42.3	39.7	39.0	10.01	9.69	9.23
Screw machine products, bolts, etc.	540.22	508.08	438.06	48.8	46.4	42.0	11.07	10.95	10.43
Metal forgings and stampings	670.56	681.39	682.86	45.4	45.7	46.9	14.77	14.91	14.56
Machinery, except electrical	521.26	497.80	471.23	44.4	43.4	42.8	11.74	11.47	11.01
Construction and related machinery	443.58	423.57	421.34	47.8	46.7	45.6	9.28	9.07	9.24
Metalworking machinery	446.84	441.98	434.00	41.8	41.5	42.3	10.69	10.65	10.26
Special industry machinery	502.14	504.25	478.40	40.3	40.6	39.9	12.46	12.42	11.99
General industrial machinery	520.95	504.19	500.16	45.3	44.5	45.1	11.50	11.33	11.09
Electric and electronic equipment	455.18	455.61	424.04	42.7	42.7	40.5	10.66	10.67	10.47
Electrical industrial apparatus	510.85	516.65	455.67	43.7	44.5	41.5	11.69	11.61	10.98
Transportation equipment	733.67	723.93	759.99	47.0	47.1	49.0	15.61	15.37	15.51
Motor vehicles and equipment	800.85	789.18	807.76	47.5	47.8	49.8	16.86	16.51	16.22
Instruments and related products	411.60	402.69	420.75	42.0	41.6	41.7	9.80	9.68	10.09
Measuring and controlling devices	406.40	404.81	412.05	40.0	40.4	41.0	10.16	10.02	10.05
Nondurable Goods[f]	422.66	417.96	417.25	41.6	41.3	41.6	10.16	10.12	10.03
Food and kindred products	371.96	367.84	389.25	41.7	41.8	41.9	8.92	8.80	9.29
Apparel and other textile products	321.09	322.43	304.98	38.5	38.8	38.9	8.34	8.31	7.84
Paper and allied products	481.50	470.68	470.24	42.8	42.1	43.3	11.25	11.18	10.86
Printing and publishing	433.23	432.52	433.92	40.3	39.9	39.7	10.75	10.84	10.93
Chemicals and allied products	509.84	509.22	504.93	42.7	42.9	42.9	11.94	11.87	11.77
Rubber and misc. plastics products	384.38	375.16	375.73	42.9	42.2	42.6	8.96	8.89	8.82
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	589.12	585.40	575.04	41.4	41.4	41.7	14.23	14.14	13.79
WHOLESALE TRADE	403.92	405.27	394.02	39.6	39.5	39.6	10.20	10.26	9.95
RETAIL TRADE[h]	174.62	185.45	178.92	27.2	28.4	28.4	6.42	6.53	6.30
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	295.00	296.79	292.73	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	343.95	343.31	339.86	31.7	31.7	32.9	10.85	10.83	10.33

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	4,605	5,964	7,117
Active File of Job Seekers	58,206	59,045	104,344
Referrals to Jobs	2,020	2,634	2,432
Placements	385	425	430
Job Openings Received	1,005	1,391	931
Job Openings Unfilled	2,573	2,624	2,523
Unemployment Insurance Program			
Initial Claims	10,220	6,325	7,932
Continued Claims	52,927	51,324	60,033
First Payments	2,316	2,516	2,816
Last Payments	841	994	1,071
Weeks Compensated	37,626	44,791	47,535
Benefits Paid	$5,474,694	$6,460,162	$6,998,421
Average Weekly Payment	$148.63	$147.11	$150.00

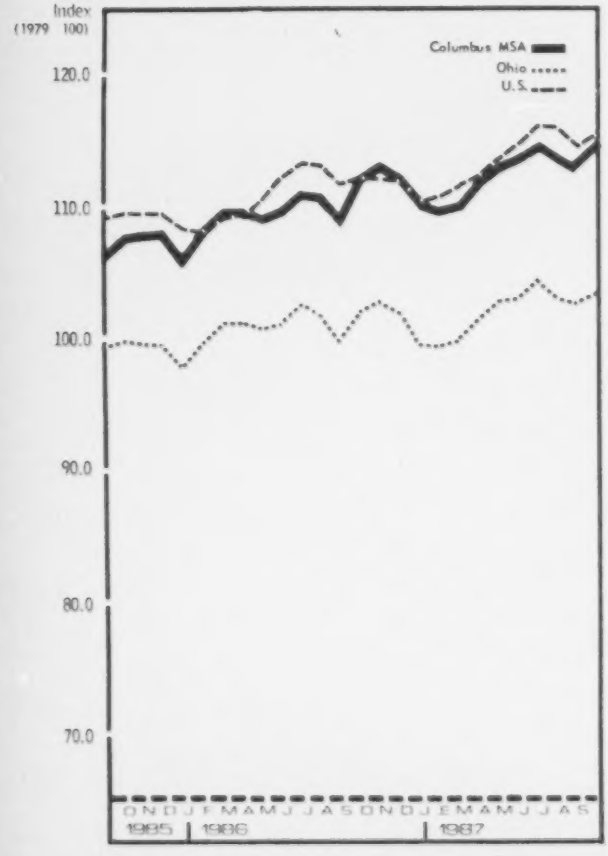
COLUMBUS METROPOLITAN STATISTICAL AREA



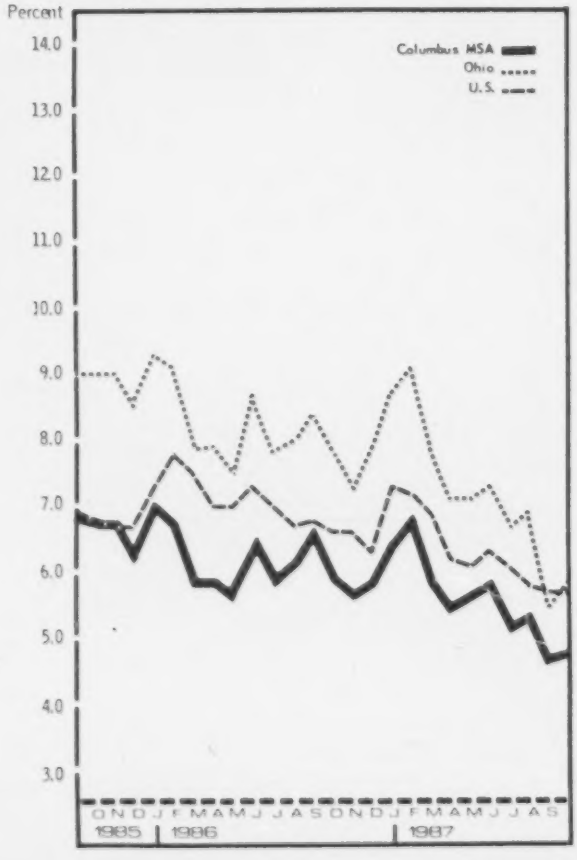
Nonfarm wage and salary employment in the Columbus metropolitan area totaled 674,200 in November, up 3,700 from October. The improvement was due primarily to seasonal growth in retail trade and state and local schools and colleges. Manufacturing employment, at 102,400, was down slightly, with transportation equipment losing 500 workers over the month. Factory production workers earned an average of $11.49 an hour for a workweek of 42.4 hours, both up slightly from October.

Since November 1986, nonfarm employment increased 25,400. All nonmanufacturing sectors recorded growth. The most notable increases were in services, retail trade, and construction. Manufacturing employment declined 3,800 over the period. Losses in transportation equipment, stone, clay, and glass products, and fabricated metal products overshadowed scattered gains in nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

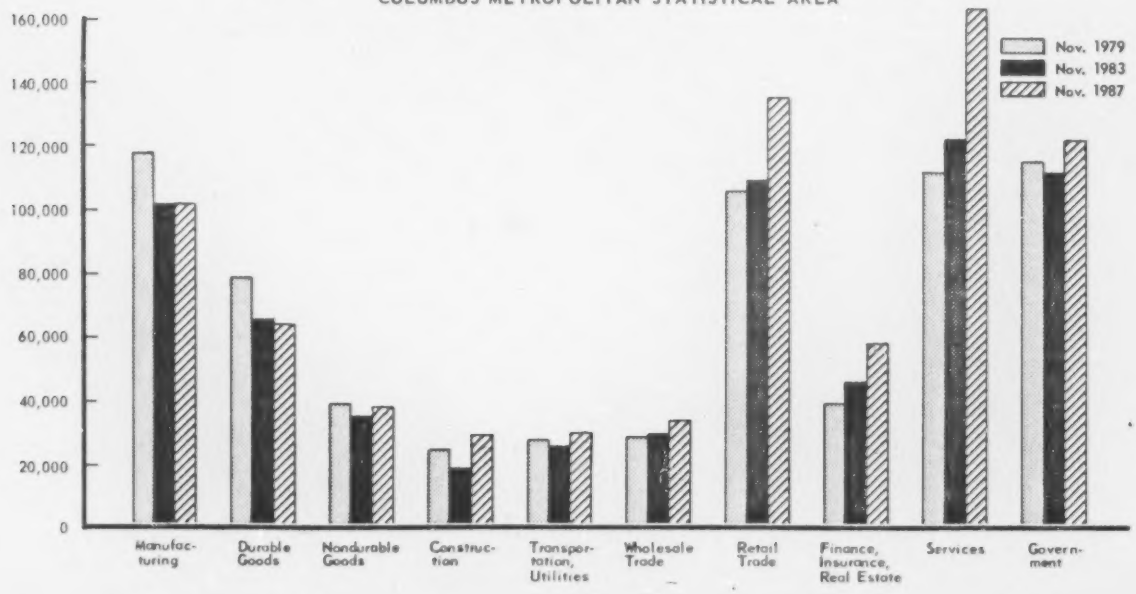


COLUMBUS MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
675.7	634.4	41.3	6.1	1986	630.4	106.2	70.7	461.14	41.1	11.22
				1986						
687.8	647.1	40.7	5.9	October	645.0	105.2	69.5	459.82	40.8	11.27
691.1	652.3	38.7	5.6	November	648.7	106.1	70.6	467.93	41.3	11.33
686.7	646.6	40.0	5.8	December	650.5	105.9	70.4	472.79	41.4	11.42
				1987						
678.0	635.0	43.1	6.4	January	637.9	105.1	69.9	472.15	41.2	11.46
678.0	632.2	45.9	6.8	February	637.7	104.4	69.1	463.81	40.9	11.34
674.6	635.4	39.2	5.8	March	642.5	103.9	68.9	477.47	41.7	11.45
682.2	645.7	36.5	5.4	April	650.6	103.0	68.2	466.49	41.1	11.35
691.2	652.2	39.0	5.6	May	656.6	102.6	67.9	474.24	41.6	11.40
696.4	656.1	40.3	5.8	June	661.0	103.1	68.2	473.10	41.5	11.40
697.2	661.3	35.9	5.1	July	653.4	102.3	67.3	474.12	41.3	11.48
692.2	655.6	36.6	5.3	August	657.9	102.7	67.7	467.72	41.1	11.38
682.8	651.3	31.5	4.6	September	663.2	102.6	67.6	477.88	41.7	11.46
695.0	662.1	33.0	4.7	October	670.5	102.7	67.5	483.91	42.3	11.44
INA	INA	INA	INA	November	674.2	102.4	67.1	487.18	42.4	11.49

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	674.2	670.5	648.7	3.7	25.4
MANUFACTURING	102.4	102.7	106.1	- .4	- 3.8
Durable Goods[e]	64.3	64.5	69.2	- .2	- 5.0
Stone, clay, and glass products	10.3	10.1	11.5	.1	- 1.3
Glass and glassware, pressed or blown.	4.2	4.2	4.6	.1	- .4
Fabricated metal products	9.0	9.0	10.0	.0	- 1.0
Fabricated structural metal products .	2.7	2.8	2.9	- .1	- .2
Machinery, except electrical	9.6	9.6	9.3	.0	.3
Electric and electronic equipment	10.8	10.8	11.2	.0	- .4
Transportation equipment	12.8	13.3	16.0	- .5	- 3.2
Instruments and related products	4.1	4.1	4.0	.0	.1
Nondurable Goods[f]	38.1	38.2	36.9	- .1	1.2
Food and kindred products	10.6	10.6	10.0	- .1	.5
Printing and publishing	10.1	10.1	9.9	.0	.2
Chemicals and allied products	7.1	7.1	7.1	.0	.0
Rubber and misc. plastics products	5.8	5.8	5.5	.0	.3
NONMANUFACTURING[g]	571.8	567.8	542.6	4.0	29.2
CONSTRUCTION	29.4	30.1	26.2	- .7	3.2
TRANSPORTATION AND PUBLIC UTILITIES	30.0	29.7	28.4	.3	1.6
Trucking and warehousing	12.2	12.0	11.3	.2	.9
Communication, electric, gas services	12.4	12.4	12.2	.0	.2
WHOLESALE TRADE	33.8	33.7	32.7	.1	1.1
Wholesale trade-durable goods	22.1	22.0	21.4	.1	.7
RETAIL TRADE	135.1	132.6	129.8	2.6	5.4
General merchandise stores	20.1	19.1	19.6	1.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	57.6	57.3	54.7	.3	2.9
Banking	12.1	12.0	11.7	.0	.4
Insurance carriers	21.9	21.8	21.1	.1	.8
SERVICES	162.6	162.3	150.1	.3	12.5
Business services	38.6	38.4	34.0	.2	4.6
Health services	41.2	41.0	38.6	.2	2.6
Hospitals	17.7	17.6	16.7	.1	1.0
GOVERNMENT	122.2	121.1	119.7	1.0	2.5
Federal government	15.4	15.4	15.5	.1	.0
State government	54.2	53.8	52.7	.5	1.6
State government education[1]	23.6	23.3	23.1	.4	.5
State government, except education	30.6	30.5	29.6	.1	1.0
Local government	52.5	52.0	51.5	.5	1.0
Local government education	31.8	31.4	31.1	.5	.8
Local government, except education	20.6	20.6	20.5	.0	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

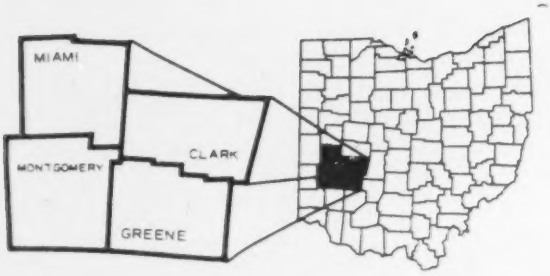
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$487.18	$483.91	$467.93	42.4	42.3	41.3	$11.49	$11.44	$11.33
Durable Goods[e]	497.25	499.16	479.41	42.5	42.7	41.4	11.70	11.69	11.58
Stone, clay, and glass products	475.27	477.76	455.49	41.4	41.4	39.3	11.48	11.54	11.59
Glass and glassware, pressed or blown.	429.60	432.33	427.60	40.0	39.7	40.0	10.74	10.89	10.69
Fabricated metal products	538.32	522.37	491.21	43.1	42.4	40.9	12.49	12.32	12.01
Fabricated structural metal products	500.82	466.13	435.25	45.2	43.2	41.1	11.08	10.79	10.59
Machinery, except electrical	446.01	437.78	449.35	41.8	41.3	41.8	10.67	10.60	10.75
Electric and electronic equipment	455.94	464.71	464.02	40.6	40.8	41.1	11.23	11.39	11.29
Transportation equipment	660.31	655.67	565.04	47.3	46.8	43.7	13.96	14.01	12.93
Instruments and related products	417.33	423.23	384.30	40.4	40.5	39.7	10.33	10.45	9.68
Nondurable Goods[f]	466.47	454.43	444.55	42.1	41.5	41.2	11.08	10.95	10.79
Food and kindred products	458.43	438.00	419.02	41.6	40.0	40.8	11.02	10.95	10.27
Printing and publishing	547.56	538.14	508.07	40.5	40.1	39.6	13.52	13.42	12.83
Chemicals and allied products	562.88	543.99	541.01	43.6	42.4	42.7	12.91	12.83	12.67
Rubber and misc. plastics products	359.93	363.62	348.59	42.9	43.6	42.1	8.39	8.34	8.28
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	565.79	569.33	568.79	40.5	40.9	41.7	13.97	13.92	13.64
WHOLESALE TRADE	350.61	356.57	338.07	37.7	38.3	38.2	9.30	9.31	8.85
RETAIL TRADE[h]	175.56	176.79	165.87	28.5	28.7	28.5	6.16	6.16	5.82
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	254.91	261.84	249.06	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	337.76	338.18	323.19	34.5	34.9	34.2	9.79	9.69	9.45

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	5,057	5,991	4,114
Active File of Job Seekers	31,241	32,097	34,524
Referrals to Jobs	2,407	3,977	1,787
Placements	615	1,765	617
Job Openings Received	1,245	2,576	1,218
Job Openings Unfilled	2,925	3,147	5,019
Unemployment Insurance Program			
Initial Claims	5,221	4,310	5,564
Continued Claims	37,017	34,101	35,770
First Payments	1,859	1,877	2,413
Last Payments	636	564	607
Weeks Compensated	26,632	29,318	27,413
Benefits Paid	$4,179,103	$4,593,548	$4,091,930
Average Weekly Payment	$160.51	$160.32	$152.68

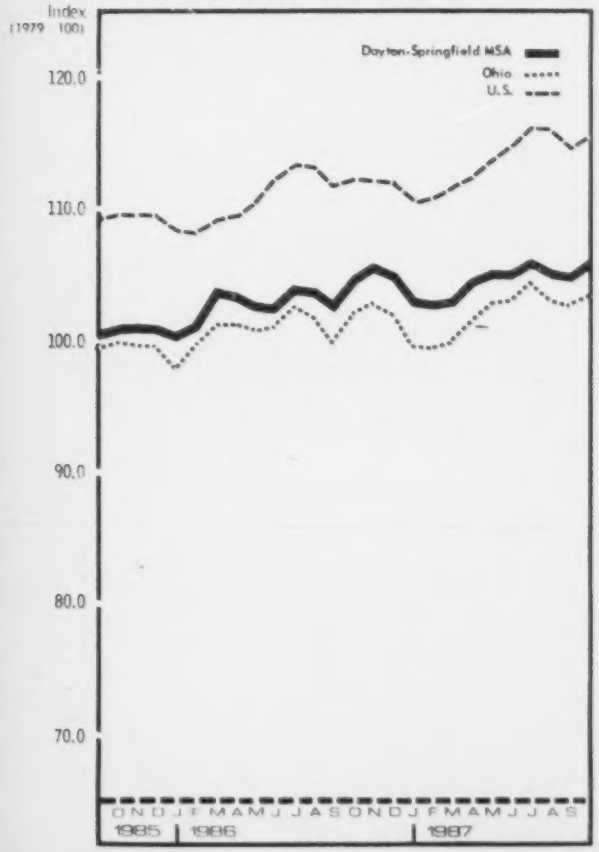
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



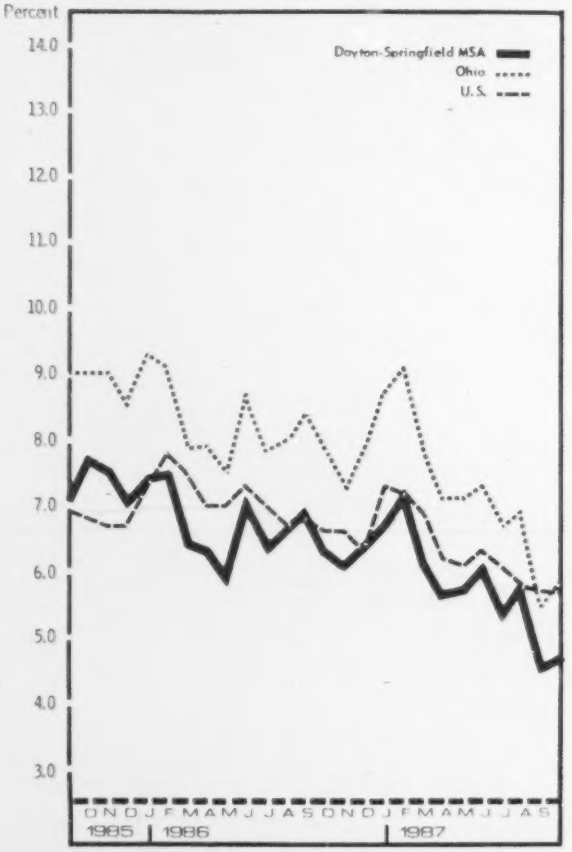
In the Dayton-Springfield area, nonagricultural wage and salary employment for the month of November totaled 440,600, an increase of 2,100 jobs from October. The advancement was concentrated in nonmanufacturing, with seasonal increases occurring in retail trade and state and local government education. Manufacturing employment showed little change over the month, at 104,200. Factory production workers earned an average of $11.96 per hour in November, up $.05 from October. Their average workweek remained unchanged at 42.6 hours.

Since November 1986, nonagricultural employment increased 9,400. Growth in business and health services and retail trade contributed most to the increase. Manufacturing employment declined 2,100 over the year, with significant losses in transportation equipment, nonelectrical machinery, and rubber and miscellaneous plastics products.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

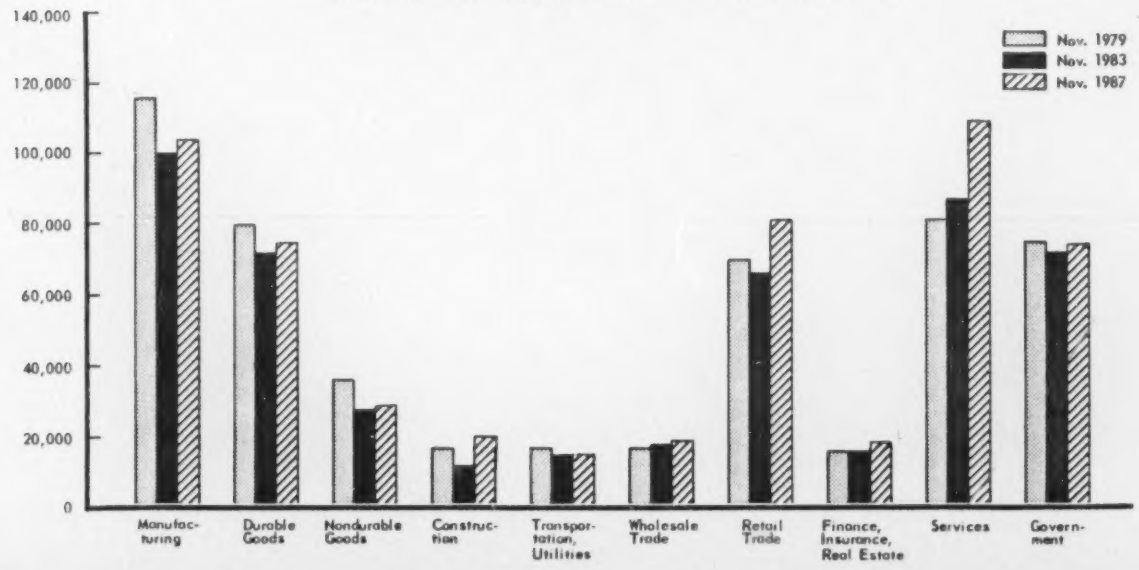


DAYTON-SPRINGFIELD MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
462.0	431.6	30.4	6.6	1986	420.9	106.1	68.4	514.88	42.8	12.03
				1986						
467.0	437.8	29.2	6.3	October	429.7	106.4	68.5	502.74	42.0	11.97
470.2	441.9	28.3	6.0	November	431.2	106.3	68.8	505.83	42.4	11.93
468.0	437.9	30.0	6.4	December	432.1	106.5	69.0	509.32	42.8	11.90
				1987						
460.5	429.6	30.9	6.7	January	423.9	105.8	68.4	500.22	42.0	11.91
462.2	428.7	33.5	7.2	February	423.9	105.1	67.9	505.56	42.2	11.98
457.8	430.1	27.7	6.1	March	426.2	104.9	67.5	494.15	41.7	11.85
462.4	436.4	26.0	5.6	April	431.4	105.2	68.0	486.10	41.3	11.77
466.0	439.2	26.7	5.7	May	433.8	104.7	67.5	486.04	41.4	11.74
467.3	439.0	28.4	6.1	June	433.5	104.7	67.3	502.18	42.2	11.90
467.3	442.5	24.8	5.3	July	428.7	104.1	66.1	492.19	41.5	11.86
465.5	438.7	26.8	5.8	August	431.4	104.6	66.7	492.89	41.7	11.82
459.1	438.2	20.9	4.5	September	437.6	105.2	67.9	487.69	41.4	11.78
464.5	442.7	21.8	4.7	October	438.6	104.1	66.9	507.37	42.6	11.91
INA	INA	INA	INA	November	440.6	104.2	67.4	509.50	42.6	11.96

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	440.6	438.6	431.2	2.1	9.4
MANUFACTURING	104.2	104.1	106.3	.1	- 2.1
Durable Goods[e]	74.8	74.7	76.8	.1	- 2.0
Fabricated metal products	8.1	8.1	8.3	.0	- .2
Machinery, except electrical	30.3	30.1	31.1	.2	- .9
Metalworking machinery	6.6	6.5	6.8	.1	- .2
General industrial machinery	2.6	2.6	2.6	.0	.1
Electric and electronic equipment	5.8	5.9	6.0	- .1	- .1
Electrical industrial apparatus	3.4	3.4	3.5	.0	- .1
Transportation equipment	21.0	20.9	22.0	.1	- 1.0
Nondurable Goods[f]	29.4	29.4	29.4	.0	- .1
Food and kindred products	3.1	3.0	2.9	.1	.2
Paper and allied products	6.0	6.2	5.9	- .1	.2
Printing and publishing	8.9	8.8	8.6	.1	.3
Rubber and misc. plastics products	7.6	7.7	8.2	.0	- .6
NONMANUFACTURING[g]	336.5	334.5	325.0	1.9	11.5
CONSTRUCTION	19.9	20.4	16.8	- .4	3.2
TRANSPORTATION AND PUBLIC UTILITIES	15.0	15.1	15.0	- .1	.0
Communication, electric, gas services	5.6	5.6	6.0	.0	- .5
WHOLESALE TRADE	19.3	19.3	19.1	- .1	.2
Wholesale trade-durable goods	13.3	13.3	13.1	.0	.2
RETAIL TRADE	81.2	80.0	78.9	1.2	2.3
General merchandise stores	12.3	11.7	12.7	.6	- .4
FINANCE, INSURANCE, AND REAL ESTATE	17.8	17.8	17.5	.0	.3
Banking	4.3	4.4	4.2	.0	.1
Credit agencies other than banks	4.6	4.6	4.6	.1	.0
Insurance carriers	2.6	2.6	2.8	- .1	- .2
SERVICES	109.1	108.9	103.6	.2	5.4
Business services	27.5	27.4	25.2	.1	2.3
Health services	35.7	36.0	34.5	- .3	1.2
Hospitals	18.2	18.5	18.2	- .3	.0
Educational services	7.7	7.2	7.6	.5	.2
GOVERNMENT	73.7	72.6	73.6	1.1	.1
Federal government	28.5	28.5	27.4	.1	1.1
State government	7.2	6.4	7.0	.8	.2
State government education[h]	4.3	3.5	4.4	.8	- .1
State government, except education	2.9	2.9	2.6	.0	.3
Local government	38.0	37.7	39.1	.2	- 1.2
Local government education	23.5	23.1	24.8	.4	- 1.3
Local government, except education	14.5	14.6	14.4	- .2	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

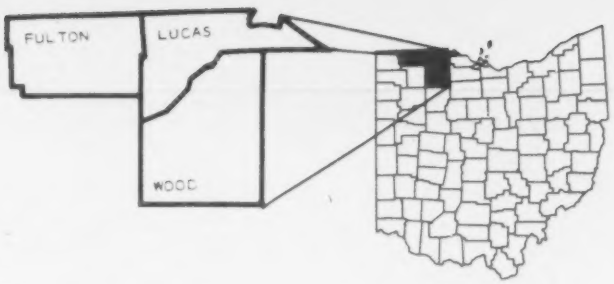
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$509.50	$507.37	$505.83	42.6	42.6	42.4	$11.96	$11.91	$11.93
Durable Goods[e]	513.46	512.98	512.25	42.4	42.5	42.3	12.11	12.07	12.11
Fabricated metal products	385.73	380.69	395.64	41.7	41.2	42.0	9.25	9.24	9.42
Machinery, except electrical	555.55	561.55	540.99	43.2	43.7	42.8	12.86	12.85	12.64
Metalworking machinery	553.38	551.89	527.61	46.0	45.8	44.3	12.03	12.05	11.91
General industrial machinery	442.15	455.34	397.84	41.4	42.2	38.7	10.68	10.79	10.28
Electric and electronic equipment	442.68	427.63	411.63	46.5	45.3	44.5	9.52	9.44	9.25
Electrical industrial apparatus	524.60	520.78	499.69	48.8	48.4	46.7	10.75	10.76	10.70
Transportation equipment	599.87	596.77	603.96	41.2	41.1	42.0	14.56	14.52	14.38
Nondurable Goods[f]	499.68	490.92	486.78	43.3	42.8	42.7	11.54	11.47	11.40
Food and kindred products	360.18	361.09	347.70	43.5	43.4	43.3	8.28	8.32	8.03
Paper and allied products	523.45	498.41	491.04	47.2	45.6	46.5	11.09	10.93	10.56
Printing and publishing	462.07	451.67	429.84	41.0	40.4	39.8	11.27	11.18	10.80
Rubber and misc. plastics products	621.11	630.29	616.85	42.6	43.2	42.6	14.58	14.59	14.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	548.63	546.07	536.51	40.4	40.3	40.4	13.58	13.55	13.28
WHOLESALE TRADE	430.77	430.98	403.40	41.5	41.6	40.3	10.38	10.36	10.01
RETAIL TRADE[h]	158.76	162.45	154.83	28.0	28.4	28.1	5.67	5.72	5.51
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	365.98	363.58	351.03	34.3	34.3	33.4	10.67	10.60	10.51

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	2,756	2,754	2,565
Active File of Job Seekers	19,290	19,739	23,880
Referrals to Jobs	1,251	1,456	1,043
Placements	463	318	190
Job Openings Received	561	978	616
Job Openings Unfilled	2,187	2,492	1,442
Unemployment Insurance Program			
Initial Claims	3,604	2,455	3,645
Continued Claims	21,025	18,356	23,085
First Payments	939	1,261	1,415
Last Payments	302	370	373
Weeks Compensated	15,398	17,940	18,177
Benefits Paid	$2,104,245	$2,465,880	$2,527,117
Average Weekly Payment	$139.62	$140.36	$142.09

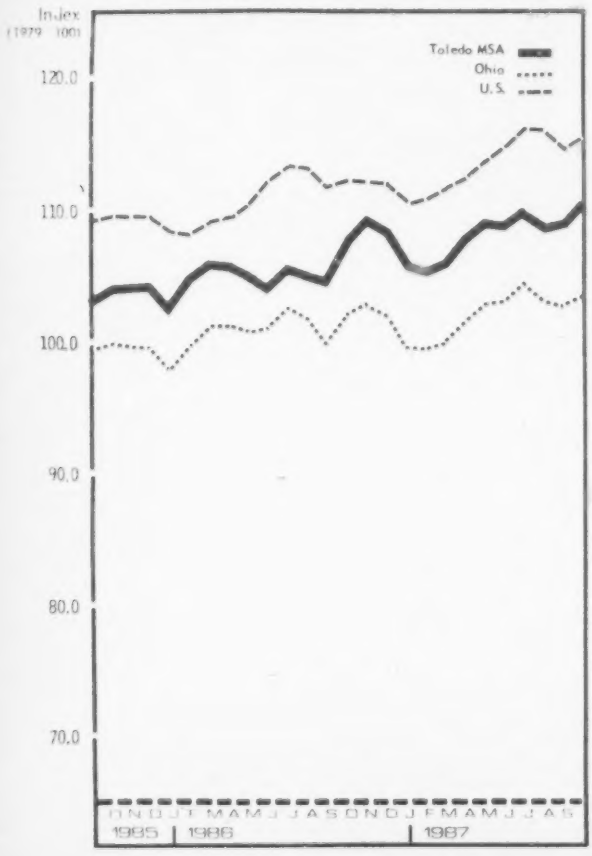
TOLEDO
METROPOLITAN STATISTICAL AREA



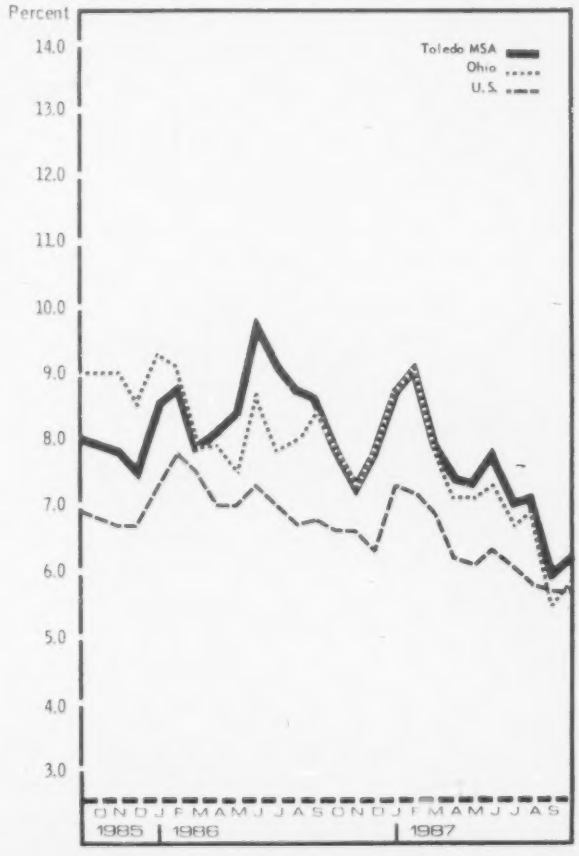
November nonfarm employment in the Toledo MSA increased 2,200 from October, to 293,200. Although scattered gains were noted in nonmanufacturing industries, seasonal hiring in retail trade contributed most to the creation of 1,600 jobs. Manufacturing employment rose 600 over the month due primarily to improvement in fabricated metal products and electric and electronic equipment. Production workers averaged $12.83 an hour, up slightly from last month. Their average workweek of 42.9 hours was .8 hours longer.

Nonagricultural wage and salary employment advanced 10,300 since November 1986. Nonmanufacturing employment increased 11,100 due chiefly to growth in business and health services, retail trade,and construction. Reductions in motor vehicles and equipment and electric and electronic equipment contributed to the loss of 800 manufacturing employees during the period.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

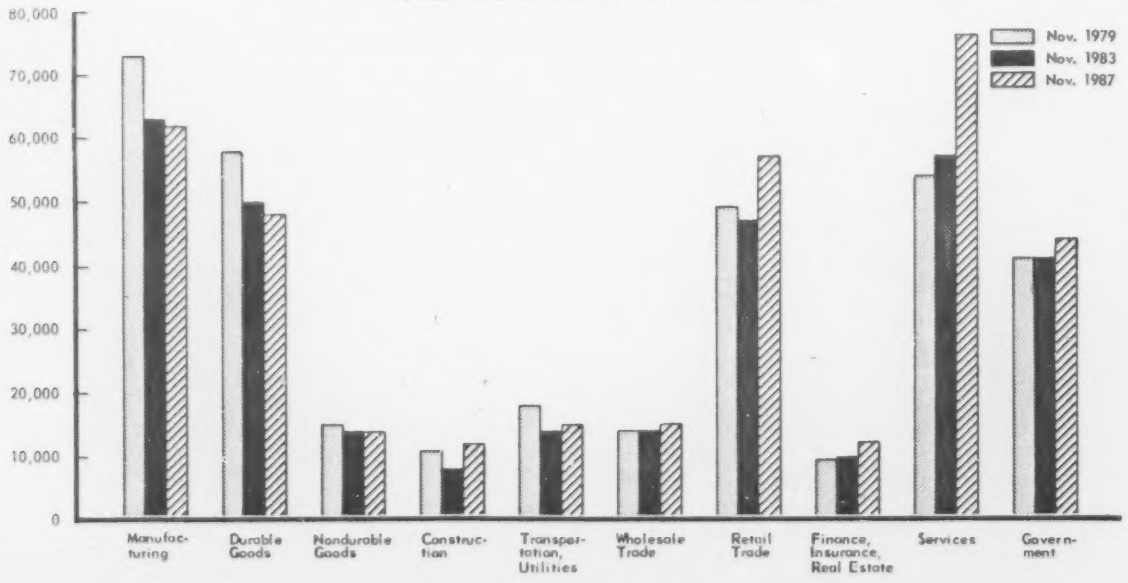


TOLEDO MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
308.0	282.2	25.9	8.4	1986	273.0	63.6	44.4	527.03	42.4	12.43
				1986						
311.5	287.2	24.3	7.8	October	280.0	63.4	44.2	531.65	42.6	12.48
314.6	291.9	22.7	7.2	November	283.0	63.1	44.5	524.99	42.1	12.47
313.7	289.1	24.5	7.8	December	283.4	63.0	44.5	538.40	42.9	12.55
				1987						
309.1	282.2	26.9	8.7	January	276.6	63.0	44.5	554.63	43.5	12.75
309.3	281.2	28.1	9.1	February	276.3	62.7	44.1	547.78	43.2	12.68
307.3	282.9	24.4	7.9	March	278.7	62.5	44.1	543.56	42.8	12.70
310.9	287.9	23.0	7.4	April	282.7	62.3	44.0	537.21	42.4	12.67
314.0	291.1	22.8	7.3	May	285.6	62.0	43.5	532.55	41.9	12.71
313.7	289.3	24.4	7.8	June	283.8	62.2	43.6	529.19	41.8	12.66
315.4	293.4	22.0	7.0	July	282.3	61.7	43.0	523.27	41.3	12.67
311.9	289.6	22.3	7.1	August	282.9	62.7	44.0	534.66	42.4	12.61
309.4	291.0	18.3	5.9	September	288.7	63.1	44.4	539.33	42.4	12.72
314.2	294.6	19.5	6.2	October	291.0	61.7	43.3	536.78	42.1	12.75
INA	INA	INA	INA	November	293.2	62.3	43.8	550.41	42.9	12.83

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	293.2	291.0	283.0	2.2	10.3
MANUFACTURING	62.3	61.7	63.1	.6	- .8
Durable Goods[e]	48.0	47.5	49.2	.5	- 1.2
Stone, clay, and glass products	8.1	8.0	8.1	.1	.0
Primary metal industries	3.1	3.1	3.2	.0	- .1
Fabricated metal products	7.3	7.1	7.5	.2	- .2
Metal forgings and stampings	3.0	3.0	3.3	.0	- .2
Machinery, except electrical	6.2	6.1	6.1	.0	.1
Electric and electronic equipment	2.6	2.3	2.9	.2	- .4
Transportation equipment	16.2	16.2	16.8	.0	- .6
Motor vehicles and equipment	15.3	15.2	15.8	.1	- .5
Nondurable Goods[f]	14.3	14.2	13.9	.1	.4
Food and kindred products	3.6	3.6	3.3	.0	.3
Rubber and misc. plastics products	3.3	3.2	3.1	.1	.2
NONMANUFACTURING[g]	231.0	229.3	219.9	1.6	11.1
CONSTRUCTION	12.0	12.2	10.8	- .2	1.3
TRANSPORTATION AND PUBLIC UTILITIES	15.0	14.9	14.5	.0	.5
Trucking and warehousing	6.1	6.0	5.7	.1	.4
Communication, electric, gas services	5.1	5.1	5.1	.0	- .1
WHOLESALE TRADE	14.7	14.8	14.5	- .1	.2
Wholesale trade-durable goods	9.6	9.7	9.6	- .1	.1
RETAIL TRADE	57.2	55.9	54.9	1.3	2.3
General merchandise stores	7.8	7.4	7.9	.4	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.7	11.6	11.3	.0	.3
Banking	3.6	3.6	3.5	.0	.0
SERVICES	76.2	76.1	70.7	.1	5.5
Business services	15.4	15.3	13.3	.2	2.1
Health services	30.0	29.9	28.5	.1	1.5
Hospitals	15.5	15.5	15.0	.0	.5
GOVERNMENT	43.9	43.5	42.9	.4	1.0
State government	16.7	16.5	16.4	.2	.3
State government education[1]	12.6	12.4	12.5	.2	.1
State government, except education	4.1	4.1	3.9	.0	.2
Local government	24.7	24.4	24.0	.3	.7
Local government education	14.5	14.2	13.9	.2	.6
Local government, except education	10.2	10.2	10.1	.0	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$550.41	$536.78	$524.99	42.9	42.1	42.1	$12.83	$12.75	$12.47
Durable Goods[e]	578.96	559.15	547.33	43.4	42.2	42.2	13.34	13.25	12.97
Stone, clay, and glass products	533.81	508.28	539.71	41.9	40.5	42.8	12.74	12.55	12.61
Primary metal industries	483.15	491.00	504.41	43.1	43.8	43.9	11.21	11.21	11.49
Fabricated metal products	569.78	541.37	504.69	44.9	43.0	41.3	12.69	12.59	12.22
Metal forgings and stampings	740.83	686.60	589.53	48.2	45.5	43.0	15.37	15.09	13.71
Machinery, except electrical	509.98	487.21	477.24	43.0	41.5	41.9	11.86	11.74	11.39
Electric and electronic equipment	509.50	483.60	562.72	41.9	40.3	44.1	12.16	12.00	12.76
Transportation equipment	683.27	657.41	644.73	43.3	41.9	42.5	15.78	15.69	15.17
Motor vehicles and equipment	685.15	659.60	647.28	43.2	41.8	42.5	15.86	15.78	15.23
Nondurable Goods[f]	452.24	460.22	445.95	41.3	41.8	41.6	10.95	11.01	10.72
Food and kindred products	492.38	529.99	515.58	41.1	43.3	42.4	11.98	12.24	12.16
Rubber and misc. plastics products	341.52	326.02	333.33	40.9	40.2	41.0	8.35	8.11	8.13
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	592.04	593.89	624.09	41.2	41.3	43.1	14.37	14.38	14.48
WHOLESALE TRADE	366.14	353.81	360.30	38.5	37.8	38.7	9.51	9.36	9.31
RETAIL TRADE[h]	161.84	162.96	155.77	28.9	29.1	28.9	5.60	5.60	5.39

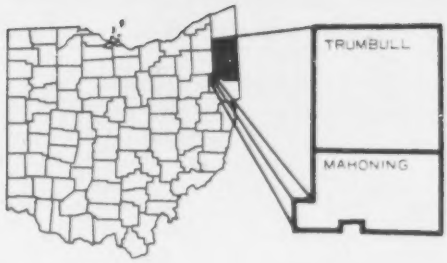
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	1,966	2,779	1,932
Active File of Job Seekers	16,256	16,108	23,411
Referrals to Jobs	1,398	1,882	836
Placements	749	575	399
Job Openings Received	919	1,048	500
Job Openings Unfilled	1,114	1,266	699
Unemployment Insurance Program			
Initial Claims	3,452	3,214	3,822
Continued Claims	18,410	21,229	19,188
First Payments	771	1,217*	1,152
Last Payments	353	351	412
Weeks Compensated	13,178	16,392	15,687
Benefits Paid	$1,875,707	$2,367,855	$2,231,457
Average Weekly Payment	$146.35	$148.05	$146.10

*Revised.

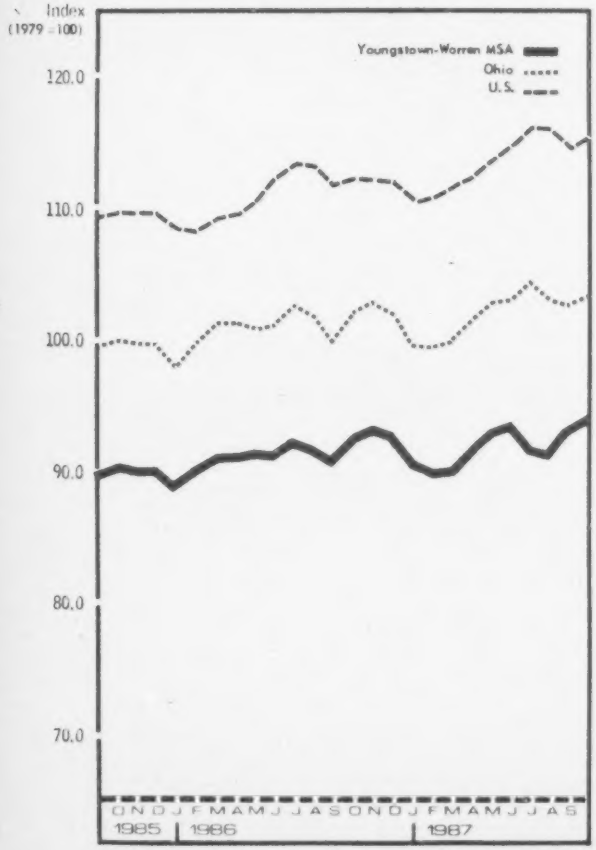
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



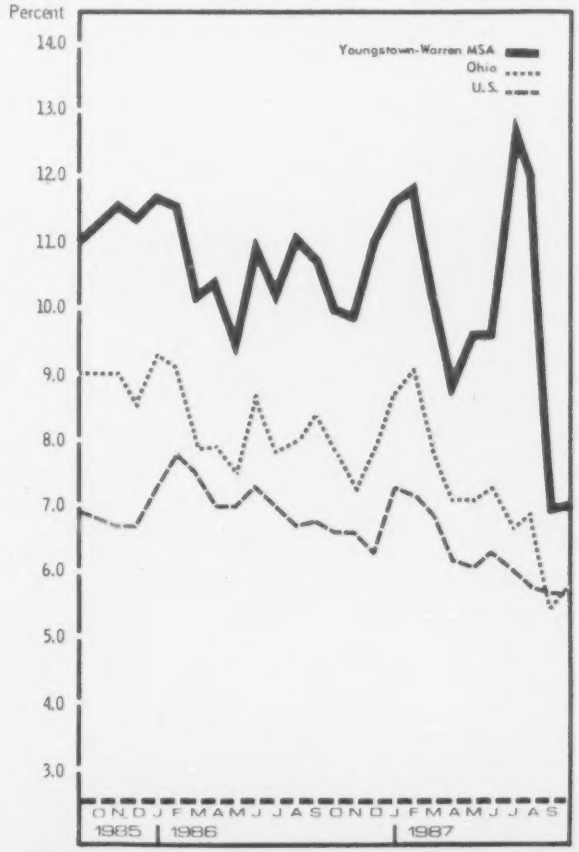
Over the past month, nonagricultural wage and salary employment in the Youngstown-Warren metropolitan area remained unchanged at 195,800. Nonmanufacturing employment, at 144,200, showed a slight increase of 100 jobs as gains in state and local government education and retail trade offset losses in construction and services. Manufacturing employment remained constant at 51,600. Production workers earned an average of $13.39 an hour, up $.15, and worked an average of 42.7 hours per week, down slightly from October.

Nonagricultural wage and salary employment rose 3,900 since November 1986 due to growth in nonmanufacturing industries. Significant increases in construction, services, and retail trade contributed most, although all sectors showed improvement. Manufacturing employment declined 500 over the year, with losses in nonelectrical machinery overshadowing gains in primary metal industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

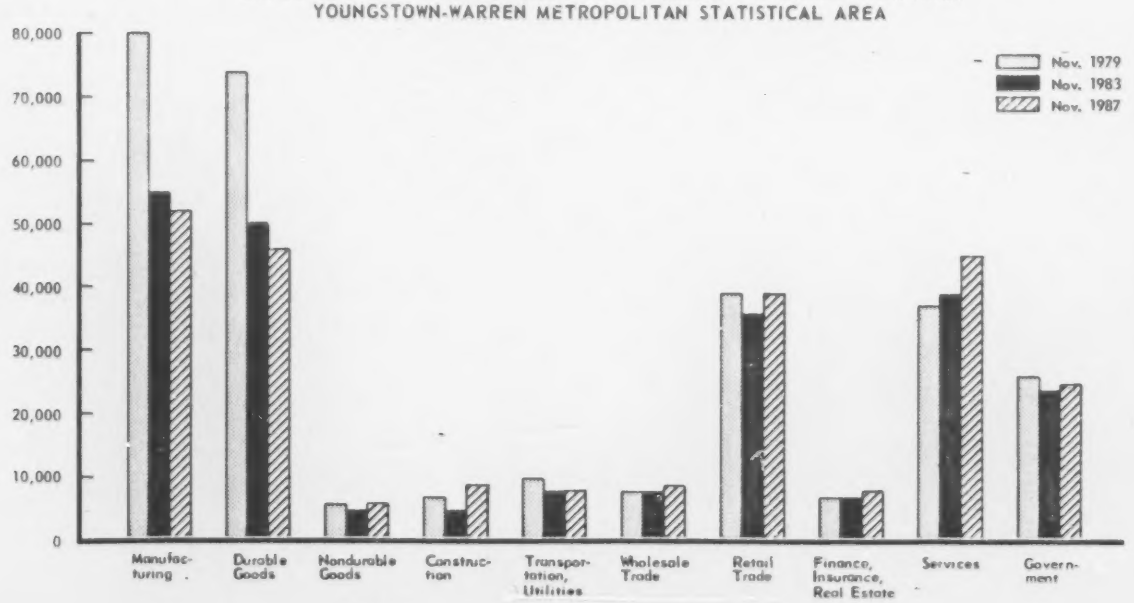


YOUNGSTOWN-WARREN MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	$277.29	39.5	$ 7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
224.9	201.1	23.8	10.6	1986	188.2	52.0	38.9	553.28	41.6	13.30
				1986						
226.4	203.7	22.7	10.0	October	191.7	52.3	39.5	544.75	41.3	13.19
227.6	205.2	22.4	9.8	November	191.9	52.2	39.3	558.11	41.9	13.32
228.7	203.6	25.1	11.0	December	192.5	52.2	39.5	579.58	42.9	13.51
				1987						
224.7	198.8	26.0	11.6	January	187.9	51.1	38.4	577.37	42.8	13.49
224.2	197.4	26.8	11.9	February	187.2	51.1	38.3	580.13	43.1	13.46
220.5	198.1	22.4	10.2	March	188.6	51.4	38.8	579.79	43.3	13.39
221.0	201.7	19.3	8.7	April	191.3	51.6	38.9	571.94	43.1	13.27
225.5	204.0	21.6	9.6	May	193.3	50.9	38.2	565.78	42.7	13.25
227.2	205.5	21.8	9.6	June	194.8	51.1	38.3	566.67	42.8	13.24
231.2	201.4	29.8	12.9	July	187.2	45.5	32.8	541.80	42.0	12.90
228.0	200.7	27.3	12.0	August	189.3	47.7	35.1	548.98	42.1	13.04
219.3	204.3	15.0	6.9	September	195.6	52.3	39.4	581.52	43.3	13.43
221.5	206.0	15.6	7.0	October	195.8	51.7	39.0	566.67	42.8	13.24
INA	INA	INA	INA	November	195.8	51.6	39.0	571.75	42.7	13.39

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	November 1987[b]	October 1987[c]	November 1986[c]	From Last Month	From Last Year
TOTAL	195.8	195.0	191.9	.0	3.9
MANUFACTURING	51.6	51.7	52.2	.0	- .5
Durable Goods[e]	46.0	46.1	46.6	.0	- .6
Primary metal industries	20.3	20.4	19.8	- .1	.5
Blast furnace and basic steel products	6.8	6.8	6.4	.0	.4
Fabricated metal products	7.8	7.8	7.8	.0	.1
Machinery, except electrical	2.9	2.9	3.6	.0	- .7
Electric and electronic equipment	2.2	2.3	2.4	- .1	- .2
Transportation equipment	9.6	9.6	9.9	.0	- .2
Nondurable Goods[f]	5.6	5.6	5.6	.0	.0
NONMANUFACTURING[g]	144.2	144.2	139.7	.1	4.5
CONSTRUCTION	8.8	9.4	7.4	- .6	1.4
TRANSPORTATION AND PUBLIC UTILITIES	8.2	8.2	8.1	.0	.1
Communication, electric, gas services	3.1	3.1	3.2	.0	.0
WHOLESALE TRADE	9.4	9.4	9.0	.0	.4
Wholesale trade-durable goods	5.9	6.0	5.8	- .1	.1
RETAIL TRADE	39.2	39.0	38.4	.3	.9
General merchandise stores	5.9	5.7	6.2	.2	- .3
FINANCE, INSURANCE, AND REAL ESTATE	8.4	8.4	8.1	.0	.2
Banking	2.8	2.8	2.7	.0	.1
SERVICES	44.6	45.1	43.3	- .5	1.3
Health services	20.1	20.2	19.3	- .1	.8
Hospitals	10.4	10.5	10.3	.0	.2
GOVERNMENT	25.0	24.0	24.8	.9	.2
State government	4.3	3.9	4.2	.4	.1
State government education[1]	2.9	2.4	2.8	.4	.1
State government, except education	1.4	1.5	1.4	- .1	.0
Local government	18.6	18.1	18.5	.5	.1
Local government education	12.3	11.7	12.0	.6	.3
Local government, except education	6.3	6.4	6.5	- .1	- .2

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]	Nov. 1987[b]	Oct. 1987[c]	Nov. 1986[c]
MANUFACTURING	$571.75	$566.67	$558.11	42.7	42.8	41.9	$13.39	$13.24	$13.32
Durable Goods[e]	586.36	579.08	577.72	42.8	42.8	42.2	13.70	13.53	13.69
Primary metal industries	632.10	623.07	600.70	43.0	43.0	41.6	14.70	14.49	14.44
Blast furnace and basic steel products	623.34	626.55	664.01	45.4	45.7	43.8	13.73	13.71	15.16
Fabricated metal products	525.44	529.99	564.98	40.7	40.8	42.1	12.91	12.99	13.42
Machinery, except electrical	474.40	458.43	467.31	42.7	41.3	40.6	11.11	11.10	11.51
Electric and electronic equipment	470.68	450.96	431.20	42.1	40.3	40.0	11.18	11.19	10.78
Transportation equipment	644.89	645.07	659.90	43.9	45.3	44.8	14.69	14.24	14.73
Nondurable Goods[f]	431.57	431.15	367.44	41.9	41.9	38.8	10.30	10.29	9.47
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	540.48	547.68	541.49	39.8	40.3	40.5	13.58	13.59	13.37
WHOLESALE TRADE	349.20	341.03	336.52	38.5	37.6	37.6	9.07	9.07	8.95
RETAIL TRADE[h]	171.97	175.51	166.99	29.0	29.3	29.4	5.93	5.99	5.68

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	November 1987	October 1987	November 1986
Employment Service Program			
New Applicants	2,037	2,193	1,851
Active File of Job Seekers	16,160	17,220	30,211
Referrals to Jobs	2,017	1,809	1,174
Placements	526	597	353
Job Openings Received	630	920	474
Job Openings Unfilled	516	901	483
Unemployment Insurance Program			
Initial Claims	3,387	3,322	6,129
Continued Claims	15,679	15,422	21,451
First Payments	1,007	784	1,286
Last Payments	238	303	271
Weeks Compensated	12,305	13,005	17,652
Benefits Paid	$1,673,863	$1,726,378	$2,479,656
Average Weekly Payment	$140.02	$137.12	$145.74

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	40
Manufacturing	56
Nonmanufacturing	35
Mining	56
Construction	17
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	20
Finance, Insurance, and Real Estate	42
Services and Miscellaneous	26
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1986 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	November 1987	October 1987	November 1986
New Applicants	36,556	45,283	37,778
Active File of Job Seekers	265,373	281,582	379,508
Counseling Interviews	1,404	1,544	1,577
Tests Administered	3,997	4,706	3,296
General Aptitude Tests	249	220	211
Proficiency Tests	533	611	432
Specific Aptitude Tests	905	891	346
Referrals to Jobs	23,091	31,324	18,938
Placements	6,278	9,231	5,775
Job Openings Received	9,563	15,342	8,392
Job Openings Unfilled	19,860	22,078	22,542

Selected Unemployment Insurance Activities

	November 1987	October 1987	November 1986
Initial Claims	61,159	47,415	67,691
Continued Claims	338,808	321,042	394,157
First Payments	17,200	16,813	21,704
Last Payments	5,116	5,715	6,575
Average Weekly Claimants	78,953	73,510	96,938
Average Weekly Benefit Recipients	60,905	59,312	77,319
Weeks Compensated	243,621	276,992	307,696
Benefits Paid	$35,738,411	$40,773,926	$45,030,837
Average Weekly Payment	$150.54	$151.00	$150.35
Continued Claims for Survey Week	80,928	75,868	99,523
Insured Unemployment Rate	1.9	1.7	2.3
Net Contributions	$217,564,425	$36,060,355	$78,350,310
Active Employer Accounts	198,160	197,306	193,478

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 481-5783.

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